From: Schrank, Jayson S - DNR
Sent: Tuesday, May 4, 2021 1:08 PM
To: Andy Delforge
Subject: TSSA Report Rib Mountain Petro Mart

Hello Andy,

The TSSA Report dated April 8, 2021 for Rib Mountain Petro Mart was peer reviewed and determined to be listed as No Action Required under the BRRTS #09-37587447. Should your client like a formal determination letter, please submit the NAR request and fee.

Thank you,

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Jayson Schrank
Regional Spills Coordinator / Hydrogeologist
Bureau of Remediation and Redevelopment
Wisconsin Department of Natural Resources
1300 W Clairemont Ave, Eau Claire, WI 54701
Phone: 715-410-8841
Jayson.Schrank@wisconsin.gov

dnr.wi.gov

CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

April 8, 2021

Wisconsin Department of Natural Resources
Attn: Ms. Deena Kinney
1300 West Clairemont Avenue
Eau Claire, WI 54701

Tank System Site Assessment Report
Rib Mountain Petro Mart
225611 (formerly 4601) Rib Mountain Drive
Wausau, WI 54401

Dear Ms. Kinney:

This letter and enclosed information will serve to summarize the results of the Tank System Site Assessment for the Rib Mountain Petro Mart. The site location is shown on Figure 1.

The UST system has been out of service and have been registered as "abandoned without product" since April 29, 2020. The system was removed under DATCP bid #413001. Photographs are attached.

The site layout and soil sample locations are shown on Figure 2. A total of thirty-one (31) soil samples were collected from the UST basins and dispensers, all of which were non-detect or very low level for Petroleum Volatile Organic Compounds (PVOCs) and naphthalene. The results are summarized on the attached form TR-WM-50 Part B. The complete analytical reports are attached.

Based on the results it appears that No Action is Required at this site. Please contact me at (715) 675-9784 or Adelforge@REIengineering.com if you would like to discuss this further.

Sincerely,
REI Engineering, Inc.

Andrew R. Delforge P.G.
Senior Hydrogeologist/Project Manager

CC: SGS Environmental Contractors, LLC (electronic only)
Tarlton Inspections (electronic only)

TR-WM-140 (11/19) Formerly ERS-8951

Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures
P.O. Box 7837, Madison, WI 53707-7837
(608) 224-4942

Wis. Admin. Code §ATCP 93.560

FOR OFFICE USE ONLY

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Complete One Form for Each System Service Event

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

CHECK ONE: ☒ **UNDERGROUND** ☐ **ABOVEGROUND**

Part A – To be completed by contractor performing repair or closure

A. TYPE OF SERVICE ☒ CLOSURE ☐ REPAIR/UPGRADE ☐ CHANGE-IN-SERVICE

Indicate portion of system being serviced if a repair, upgrade or change-in-service is being performed

☐ Remote fill ☒ Tank ☒ Piping ☐ Transition/containment sump ☐ Spill bucket ☐ Dispenser

B. IDENTIFICATION

OWNER INFORMATION

OWNER NAME	CONTACT NAME	TITLE
John Remington		

MAILING ADDRESS	☐ CITY ☒ TOWN ☐ VILLAGE	STATE	ZIP
4601 Rib Mountain Drive	Rib Mountain	WI	54401

TELEPHONE:	E-MAIL
( ) -	

SITE INFORMATION

FACILITY NAME: Rib Mountain Petro Mart

SITE ADDRESS (Not PO Box)	☐ CITY ☒ TOWN ☐ VILLAGE	STATE	ZIP
4601 Rib Mountain Drive	Rib Mountain	WI	54401

SERVICE CONTRACTOR INFORMATION

PRIMARY SERVICE CONTRACTOR Section A Above	TELEPHONE:	CELL:
SGS Environmental Contracting LLC	(715) 539 - 2803	(715) 218 - 1001

STREET ADDRESS	☒ CITY ☐ TOWN ☐ VILLAGE	STATE	ZIP
1001 S State St	Merrill	WI	54452

C. TANK SYSTEM DETAIL (Complete for all service activities)

a	b	c	d	e	f	g	h	
Tank ID #	**Type of Closure[1]**	**Tank Material of Construction**	**Piping Material of Construction**	**Tank Capacity (gallons)**	**Contents[2]**	**Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?**	**If "Yes" to "g", Then Specify Source and Cause of Release[5]**	
							Source of Release[3]	**Cause of Release[4]**
104144	P	Coated Steel	Fiberglass	4000	LG	☐ Yes ☒ No		
105589	P	Coated Steel	Fiberglass	6000	UG	☐ Yes ☒ No		
108363	P	Coated Steel	Fiberglass	10000	DL	☐ Yes ☐ No		
109598	P	Coated Steel	Fiberglass	10000	UG	☐ Yes ☒ No		
109599	P	Coated Steel	Fiberglass	10000	UG	☐ Yes ☒ No		
						☐ Yes ☐ No		

1. Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place
2. Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (indicate the chemical name(s):

3. CAS number(s):

4. Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other, UNK = Unknown
5. Cause of release:
   S = spill, O = overfill, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other, UNK = Unknown
6. Has release been reported to the Department of Natural Resources? ☐ Yes ☐ No ☒ Release not evident at this time

Part A Distribution: DATCP DNR Inspector Contractor Owner

D. CLOSURES (Check applicable box at right in response to all statements in section D)

Written notification was provided to the local agent 5 days in advance of closure date. ☒ Yes ☐ No

All local permits were obtained before beginning closure. ☐ Yes ☐ No ☒ NA

☒ UST Form TR-WM-137 or ☐ AST Form TR-WM-118 filed by owner with the DATCP indicating closure. ☒ Yes ☐ No ☐ NA

NOTE: *TANK INVENTORY FORM TR-WM-137 or TR-WM-118 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST*

D.1 ☐ TEMPORARILY OUT-OF-SERVICE	Remover Verified	Inspector Verified	Inspector Not Present	NA
1. Product removed.				
a. Product lines drained into tank (or other container) and liquid removed, and	☐Y ☐N	☐Y ☐N	☐	☐
b. All product removed to bottom of suction line, OR	☐Y ☐N	☐Y ☐N	☐	☐
c. All product removed to within 1" of bottom.	☐Y ☐N	☐Y ☐N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐Y ☐N	☐Y ☐N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐Y ☐N	☐Y ☐N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐Y ☐N	☐Y ☐N	☐	☐
5. Vent lines left open.	☐Y ☐N	☐Y ☐N	☐	☐
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.	☐Y ☐N	☐Y ☐N	☐	☐
D.2. ☑ CLOSURE BY REMOVAL OR IN-PLACE				
1. General Requirements	☐Y ☐N	☐Y ☐N	☐	☐
a. Product from piping drained into tank (or other container).	☑Y ☐N	☐Y ☑N	☐	☐
b. Piping disconnected from tank and removed.	☑Y ☐N	☐Y ☐N	☐	☐
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.	☑Y ☐N	☐Y ☑N	☐	☐
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	☑Y ☐N	☐Y ☑N	☐	☐
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☑Y ☐N	☐Y ☐N	☐	☐
f. Vent lines left connected until tanks purged.	☑Y ☐N	☐Y ☑N	☐	☐
g. Tank openings temporarily plugged so vapors exit through vent.	☑Y ☐N	☐Y ☑N	☐	☐
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E	☑Y ☐N	☑Y ☐N	☐	☐
2. Specific Closure-by-Removal Requirements				
a. Tank removed from excavation after PURGING/INERTING, placed on level ground and blocked to prevent movement.	☑Y ☐N	☑Y ☐N	☐	☐
b. Tank cleaned before being removed from site.	☑Y ☐N	☑Y ☐N	☐	☐
c. Tank labeled in full compliance with API 1604 after removal but before being moved from site.	☑Y ☐N	☐Y ☐N	☐	☐
NOTE: *COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; MONTH/DAY/YEAR OF REMOVAL*				
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	☐Y ☐N	☐Y ☐N	☐	☑
e. Site security is provided while the excavation is open.	☑Y ☐N	☐Y ☐N	☐	☐
3. Specific Closure-In-Place Requirements	☐Y ☐N	☐Y ☐N	☐	☐
NOTE: *CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION (DATCP) OR LOCAL AGENT.*				
a. Tank properly cleaned to remove all sludge and residue.	☐Y ☐N	☐Y ☐N	☐	☐
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	☐Y ☐N	☐Y ☐N	☐	☐
c. Vent line disconnected or removed.	☐Y ☐N	☐Y ☐N	☐	☐
d. Inventory form filed by owner with the DATCP indicating closure in-place.	☐Y ☐N	☐Y ☐N	☐	☐

E. ☐ REPAIR, UPGRADE OR CHANGE-IN-SERVICE

Written notification was provided to the local agent 5 days in advance of service date.	☐Y ☐N	☐	NA
All local permits were obtained before beginning service.	☐Y ☐N	☐	NA
Form TR-WM-137 or 0 TR-WM-118 filed by owner with the DATCP indicating change-in-service.	☐Y ☐N	☐	NA

F. METHOD OF VAPOR FREEING OF TANK

☐ Displacement of vapors by eductor or diffused air blower.

Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.

☑ Inert gas using dry ice or liquid carbon dioxide.

☑ Inert gas using CO2 or N2 **NOTE:** *INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.*

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.

Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☑ Readings of 10% or less of the lower flammable range (LEL) or <5% oxygen obtained before removing tank from ground.

☑ Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.

☐ Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

Distribution: DATCP DNR Inspector Contractor Owner

TR-WM-140 (11/19) Formerly ERS-8951

G. REMOVER/CLEANER INFORMATION

George Frick	George Frick	401500	3-24-21
REMOVER/CLEANER NAME (PRINT)	REMOVER/CLEANER SIGNATURE	CERTIFICATION #	DATE SIGNED

I attest that the procedures and information which I have provided as the tank closure contractor are correct and comply with ATCP 93.

Company expected to perform soil contamination assessment REI Engineering

H. INSPECTOR INFORMATION

Tarlton Inspections Inc		401354	35
INSPECTOR NAME (PRINT)	INSPECTOR SIGNATURE	INSPECTOR CERTIFICATION #	LPO AGENCY/COMPANY NAME
3718		(920) 855-2757	4-6-2021
FDID # FOR LOCATION WHERE INSPECTION PERFORMED		INSPECTOR TELEPHONE NUMBER	DATE SIGNED

INSPECTOR NOTES: 03-24-21 site visit

Distribution: DATCP DNR Inspector Contractor Owner

TR-WM-137 (9/20) Formerly ERS 7437

Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures
PO Box 7837 Madison, WI 53707-7837
(608) 224-4942

FOR OFFICE USE ONLY

Wis. Admin. Code SATCP 93.140

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered.
A separate form is needed for each tank. Send each completed form to the agency designated above.

Have you previously registered this tank by submitting a form? ☒ Yes ☐ No If yes, are you correcting/updating information only? ☒ Yes ☐ No

This registration applies to a ☒ tank ☒ piping status that is *(check one)*: Date of status change: 3-29-21

☐ In Use ☐ Abandoned with Water ☐ Abandoned with Product
☐ Newly Installed ☒ Closed - Removed ☐ Abandoned without Product (empty)
☐ Temporarily Out of Service – Provide Date: ☐ Closed – Filled with Inert Materials ☐ Change of Site/Facility Address Only (complete boxes 1.a. and b. below)
☐ Ownership Change (Indicate new owner name in box 2 -- *attach deed)*

IDENTIFICATION (Please Print)

1. TANK SITE NAME	COUNTY	PHONE	
Rib Mountain Petro Mart Inc	Marathon	( ) -	
a. CURRENT SITE STREET ADDRESS	☐ CITY ☐ VILLAGE ☒ TOWN OF:	STATE	ZIP
4601 Rib Mountain Drive	Rib Mountain	WI	54401
b. PREVIOUS SITE STREET ADDRESS	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP

Fire Dept. providing fire coverage where tank is located: ☐ CITY ☒ TOWN ☐ VILLAGE of: 3718-Rib Mountain

2. TANK OWNER LEGAL NAME	COUNTY	PHONE: Check ☐ CELL or ☐ LAND	
John Remington	Marathon	( ) -	
MAILING ADDRESS	☐ CITY ☐ VILLAGE ☒ TOWN OF:	STATE	ZIP
4601 Rib Mountain Drive	Rib Mountain	WI	54401-0640
3. PROPERTY OWNER NAME *(if different from Tank Owner Legal Name #2)*	COUNTY *(if different from County #2)*		
PROPERTY OWNER ADDRESS *(if different from Site Street Address #1)*	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP

4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)

SITE ID:	FACILITY ID # 413001	CUSTOMER ID #	
Tank Capacity (gallons) 6000	Tank Age (age or date installed): 10/10/1989	Vehicle fueling: ☒ Yes	☐ No

LAND OWNER TYPE *(Refer to back, check one)*: ☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

OCCUPANCY TYPE *(check one)* Refer to back
☒ Retail Fuel Sales ☐ Mercantile/Commercial ☐ Bulk Storage ☐ Terminal Storage ☐ Industrial ☐ Residential ☐ School ☐ Government Fleet
☐ Agricultural (crop or livestock production) ☐ Utility ☐ Backup or Emergency Generator ☐ Other (specify):

TANK CONSTRUCTION:
☐ Bare Steel ☒ Coated Steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): ☐ Lined (date):

Overfill Protection? ☒ Yes ☐ No
Spill Containment? ☒ Yes ☐ No
Tank Double Walled? ☐ Yes ☒ No

TANK CATHODIC PROTECTION: ☒ Sacrificial Anodes ☐ Impressed Current ☐ N/A

TANK LEAK DETECTION METHOD: ☒ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ☐ Statistical Inventory Reconciliation (SIR)
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Unknown

PIPING CONSTRUCTION: ☒ Single Wall ☐ Double Wall
☐ Bare Steel ☐ Coated Steel ☒ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ N/A ☐ Other:

PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A

PRIMARY PIPING SYSTEM TYPE: ☒ Pressurized piping with ⇨ ☒ A. Pump auto shutoff - ELLD ☐ B. Flow restrictor – MLLD ☐ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

PIPING LEAK DETECTION METHOD: ☒ Interstitial monitoring ⇨ Electronic ☒ Yes ☐ No ⇨ Sump or cable sensor ☐ Yes ☐ No
☐ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☐ Not required ☐ Unknown

TANK CONTENTS *Current, or previous product (if tank now empty)* (* = NOT PECFA eligible) ☐ Leaded ☒ Unleaded ☐ Gas-ethanol blend ___ % ethanol ☐ Diesel
☐ Bio-Diesel ___ % ☐ Hazardous Waste/Interface* ☐ Kerosene ☐ Fuel Oil ☐ Premix ☐ New Oil ☐ New oil – Flash point less than 200°F
☐ Waste/Used Motor Oil ⇨ ☐ Used for Heating ☐ Aviation ☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Unknown
☐ Other (specify): ☐ Chemical* Name: CAS#

Has a site assessment been completed? *(see reverse side for details)* ☒ Yes ☐ No

TANK OWNER LEGAL NAME (please print)	TANK OWNER E-MAIL
John P Remington	
TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)	DATE: 4-6-2021

Note: Refer to comments on reverse side of form.

TR-WM-137 (9/20) Formerly ERS 7437

Wisconsin Department of Agriculture, Trade and Consumer Protection
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UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

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Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered.
A separate form is needed for each tank. Send each completed form to the agency designated above.

Have you previously registered this tank by submitting a form? ☒ Yes ☐ No If yes, are you correcting/updating information only? ☒ Yes ☐ No

This registration applies to a ☒ tank ☒ piping status that is *(check one)*: Date of status change: 3-24-2020

- ☐ In Use
- ☐ Newly Installed
- ☐ Temporarily Out of Service – Provide Date:
- ☐ Ownership Change (Indicate new owner name in box 2 -- *attach deed)*
- ☐ Abandoned with Water
- ☒ Closed - Removed
- ☐ Closed – Filled with Inert Materials
- ☐ Abandoned with Product
- ☐ Abandoned without Product (empty)
- ☐ Change of Site/Facility Address Only (complete boxes 1.a. and b. below)

IDENTIFICATION (Please Print)

1. TANK SITE NAME	COUNTY	PHONE	
Rib Mountain Petro Mart Inc	Marathon	( ) -	
a. CURRENT SITE STREET ADDRESS	☐ CITY ☐ VILLAGE ☒ TOWN OF:	STATE	ZIP
4601 Rib Mountain Drive	Rib Mountain	WI	54401
b. PREVIOUS SITE STREET ADDRESS	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP

Fire Dept. providing fire coverage where tank is located: ☐ CITY ☒ TOWN ☐ VILLAGE of: 3718-Rib Mountain

2. TANK OWNER LEGAL NAME	COUNTY	PHONE: Check ☐ CELL or ☐ LAND	
John Remington	Marathon	( ) -	
MAILING ADDRESS	☐ CITY ☐ VILLAGE ☒ TOWN OF:	STATE	ZIP
4601 Rib Mountain Drive	Rib Mountain	WI	54401-0640
3. PROPERTY OWNER NAME *(if different from Tank Owner Legal Name #2)*	COUNTY *(if different from County #2)*		
PROPERTY OWNER ADDRESS *(if different from Site Street Address #1)*	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP

4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)

SITE ID:	FACILITY ID # 413001	CUSTOMER ID #
Tank Capacity (gallons) 10000	Tank Age (age or date installed): 10/10/1989	Vehicle fueling: ☒ Yes ☐ No

LAND OWNER TYPE *(Refer to back; check one)*: ☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

OCCUPANCY TYPE *(check one)* Refer to back
☒ Retail Fuel Sales ☐ Mercantile/Commercial ☐ Bulk Storage ☐ Terminal Storage ☐ Industrial ☐ Residential ☐ School ☐ Government Fleet
☐ Agricultural (crop or livestock production) ☐ Utility ☐ Backup or Emergency Generator ☐ Other (specify):

TANK CONSTRUCTION:
☐ Bare Steel ☒ Coated Steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): ☐ Lined (date):

Overfill Protection? ☒ Yes ☐ No
Spill Containment? ☒ Yes ☐ No
Tank Double Walled? ☐ Yes ☒ No

TANK CATHODIC PROTECTION: ☒ Sacrificial Anodes ☐ Impressed Current ☐ N/A

TANK LEAK DETECTION METHOD: ☒ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ☐ Statistical Inventory Reconciliation (SIR)
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Unknown

PIPING CONSTRUCTION: ☒ Single Wall ☐ Double Wall:
☐ Bare Steel ☐ Coated Steel ☒ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ N/A ☐ Other

PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A

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☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

PIPING LEAK DETECTION METHOD: ☒ Interstitial monitoring ⇨ Electronic ☒ Yes ☐ No ⇨ Sump or cable sensor ☐ Yes ☐ No
☐ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☐ Not required ☐ Unknown

TANK CONTENTS *Current, or previous product (if tank now empty)* (* = NOT PECFA eligible) ☐ Leaded ☒ Unleaded ☐ Gas-ethanol blend: ___ % ethanol ☐ Diesel
☐ Bio-Diesel ___ % ☐ Hazardous Waste/Interface* ☐ Kerosene ☐ Fuel Oil ☐ Premix ☐ New Oil ☐ New oil – Flash point less than 200°F
☐ Waste/Used Motor Oil ⇨ ☐ Used for Heating ☐ Aviation ☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Unknown
☐ Other (specify): ☐ Chemical* Name: CAS#

Has a site assessment been completed? *(see reverse side for details)* ☒ Yes ☐ No

TANK OWNER LEGAL NAME (please print)	TANK OWNER E-MAIL
John P Remington	
TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)	DATE: 4-6-2021

Note: Refer to comments on reverse side of form.

TR-WM-137 (9/20) Formerly ERS 7437

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A separate form is needed for each tank. Send each completed form to the agency designated above.

Have you previously registered this tank by submitting a form? ☒ Yes ☐ No If yes, are you correcting/updating information only? ☒ Yes ☐ No

This registration applies to a ☒ tank ☒ piping status that is *(check one)*: Date of status change: 3-24-2021

☐ In Use ☐ Abandoned with Water ☐ Abandoned with Product
☐ Newly Installed ☒ Closed - Removed ☐ Abandoned without Product (empty)
☐ Temporarily Out of Service – Provide Date: ☐ Closed – Filled with Inert Materials ☐ Change of Site/Facility Address Only (complete boxes 1.a. and b. below)
☐ Ownership Change (Indicate new owner name in box 2 -- *attach deed)*

IDENTIFICATION (Please Print)

1. TANK SITE NAME	COUNTY	PHONE	
Rib Mountain Petro Mart Inc	Marathon	( ) -	
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Fire Dept. providing fire coverage where tank is located: ☐ CITY ☒ TOWN ☐ VILLAGE of: 3718-Rib Mountain

2. TANK OWNER LEGAL NAME	COUNTY	PHONE: Check ☐ CELL or ☐ LAND	
John Remington	Marathon	( ) -	
MAILING ADDRESS	☐ CITY ☐ VILLAGE ☒ TOWN OF	STATE	ZIP
4601 Rib Mountain Drive	Rib Mountain	WI	54401-0640
3. PROPERTY OWNER NAME *(if different from Tank Owner Legal Name #2)*	COUNTY *(if different from County #2)*		
PROPERTY OWNER ADDRESS *(if different from Site Street Address #1)*	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP

4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)

SITE ID: **FACILITY ID #** 413001 **CUSTOMER ID #**

Tank Capacity (gallons): 10000 Tank Age (age or date installed): 10/10/1989 Vehicle fueling: ☒ Yes ☐ No

LAND OWNER TYPE *(Refer to back; check one)*: ☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

OCCUPANCY TYPE *(check one)* Refer to back
☒ Retail Fuel Sales ☐ Mercantile/Commercial ☐ Bulk Storage ☐ Terminal Storage ☐ Industrial ☐ Residential ☐ School ☐ Government Fleet
☐ Agricultural (crop or livestock production) ☐ Utility ☐ Backup or Emergency Generator ☐ Other (specify):

TANK CONSTRUCTION:
☐ Bare Steel ☒ Coated Steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): ☐ Lined (date):

Overfill Protection? ☒ Yes ☐ No
Spill Containment? ☒ Yes ☐ No
Tank Double Walled? ☐ Yes ☒ No

TANK CATHODIC PROTECTION: ☒ Sacrificial Anodes ☐ Impressed Current ☐ N/A

TANK LEAK DETECTION METHOD: ☒ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ☐ Statistical Inventory Reconciliation (SIR)
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Unknown

PIPING CONSTRUCTION: ☒ Single Wall ☐ Double Wall:
☐ Bare Steel ☐ Coated Steel ☒ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ N/A ☐ Other:

PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A

PRIMARY PIPING SYSTEM TYPE: ☒ Pressurized piping with ⇨ ☒ A. Pump auto shutoff - ELLD ☐ B. Flow restrictor – MLLD ☐ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

PIPING LEAK DETECTION METHOD: ☒ Interstitial monitoring ⇨ Electronic ☒ Yes ☐ No ⇨ Sump or cable sensor ☐ Yes ☐ No
☐ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☐ Not required ☐ Unknown

TANK CONTENTS *Current, or previous product (if tank now empty)* (* = NOT PECFA eligible) ☐ Leaded ☒ Unleaded ☐ Gas-ethanol blend: ___ % ethanol ☐ Diesel
☐ Bio-Diesel: ___ % ☐ Hazardous Waste/Interface* ☐ Kerosene ☐ Fuel Oil ☐ Premix ☐ New Oil ☐ New oil – Flash point less than 200°F
☐ Waste/Used Motor Oil ⇨ ☐ Used for Heating ☐ Aviation ☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Unknown
☐ Other (specify): ☐ Chemical* Name: CAS#

Has a site assessment been completed? *(see reverse side for details)* ☒ Yes ☐ No

TANK OWNER LEGAL NAME (please print)	TANK OWNER E-MAIL
John P Remington	
TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)	DATE
JPR	4-6-2021

Note: Refer to comments on reverse side of form.

TR-WM-137 (9/20) Formerly ERS 7437

Wisconsin Department of Agriculture, Trade and Consumer Protection
Bureau of Weights and Measures
PO Box 7837 Madison, WI 53707-7837
(608) 224-4942

FOR OFFICE USE ONLY

Wis. Admin. Code §ATCP 93.140

UNDERGROUND FLAMMABLE/COMBUSTIBLE/HAZARDOUS LIQUID STORAGE TANK REGISTRATION

Personal information you provide may be used for purposes other than that for which it was originally collected (s. 15.04(1)(m) Wis. Stats.).

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered.
A separate form is needed for each tank. Send each completed form to the agency designated above.

Have you previously registered this tank by submitting a form? ☒ Yes ☐ No If yes, are you correcting/updating information only? ☒ Yes ☐ No

This registration applies to a ☒ tank ☒ piping status that is *(check one)*: Date of status change: 3-24-21

☐ In Use ☐ Abandoned with Water ☐ Abandoned with Product
☐ Newly Installed ☒ Closed - Removed ☐ Abandoned without Product (empty)
☐ Temporarily Out of Service – Provide Date: ☐ Closed – Filled with Inert Materials ☐ Change of Site/Facility Address Only (complete boxes 1.a. and b. below)
☐ Ownership Change (Indicate new owner name in box 2 -- *attach deed)*

IDENTIFICATION (Please Print)

1. TANK SITE NAME Rib Mountain Petro Mart Inc	COUNTY Marathon	PHONE ( ) -	
a. CURRENT SITE STREET ADDRESS 4601 Rib Mountain Drive	☐ CITY ☐ VILLAGE ☒ TOWN OF: Rib Mountain	STATE WI	ZIP 54401
b. PREVIOUS SITE STREET ADDRESS	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP

Fire Dept. providing fire coverage where tank is located: ☐ CITY ☒ TOWN ☐ VILLAGE of: 3718-Rib Mountain

2. TANK OWNER LEGAL NAME John Remington	COUNTY Marathon	PHONE: Check ☐ CELL or ☐ LAND ( ) -	
MAILING ADDRESS 4601 Rib Mountain Drive	☐ CITY ☐ VILLAGE ☒ TOWN OF: Rib Mountain	STATE WI	ZIP 54401-0640
3. PROPERTY OWNER NAME *(if different from Tank Owner Legal Name #2)*	COUNTY *(if different from County #2)*		
PROPERTY OWNER ADDRESS *(if different from Site Street Address #1)*	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP

4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)

SITE ID:	**FACILITY ID #** 413001	**CUSTOMER ID #**
Tank Capacity (gallons): 10000	Tank Age (age or date installed): 10/10/1989	Vehicle fueling: ☒ Yes ☐ No

LAND OWNER TYPE *(Refer to back; check one)*: ☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

OCCUPANCY TYPE *(check one)* Refer to back
☒ Retail Fuel Sales ☐ Mercantile/Commercial ☐ Bulk Storage ☐ Terminal Storage ☐ Industrial ☐ Residential ☐ School ☐ Government Fleet
☐ Agricultural (crop or livestock production) ☐ Utility ☐ Backup or Emergency Generator ☐ Other (specify)

TANK CONSTRUCTION:
☐ Bare Steel ☒ Coated Steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): ☐ Lined (date):

Overfill Protection? ☒ Yes ☐ No
Spill Containment? ☒ Yes ☐ No
Tank Double Walled? ☐ Yes ☒ No

TANK CATHODIC PROTECTION: ☒ Sacrificial Anodes ☐ Impressed Current ☐ N/A

TANK LEAK DETECTION METHOD: ☒ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ☐ Statistical Inventory Reconciliation (SIR)
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Unknown

PIPING CONSTRUCTION: ☒ Single Wall ☐ Double Wall
☐ Bare Steel ☐ Coated Steel ☒ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ N/A ☐ Other:

PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A

PRIMARY PIPING SYSTEM TYPE: ☒ Pressurized piping with ⇨ ☒ A. Pump auto shutoff - ELLD ☐ B. Flow restrictor – MLLD ☐ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

PIPING LEAK DETECTION METHOD: ☒ Interstitial monitoring ⇨ Electronic ☒ Yes ☐ No ⇨ Sump or cable sensor ☐ Yes ☐ No
☐ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☐ Not required ☐ Unknown

TANK CONTENTS *Current, or previous product (if tank now empty)* (* = NOT PECFA eligible) ☐ Leaded ☐ Unleaded ☐ Gas-ethanol blend: ___ % ethanol ☒ Diesel
☐ Bio-Diesel ___ % ☐ Hazardous Waste/Interface* ☐ Kerosene ☐ Fuel Oil ☐ Premix ☐ New Oil ☐ New oil – Flash point less than 200°F
☐ Waste/Used Motor Oil ⇨ ☐ Used for Heating ☐ Aviation ☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Unknown
☐ Other (specify): ☐ Chemical* Name: CAS#

Has a site assessment been completed? *(see reverse side for details)* ☒ Yes ☐ No

TANK OWNER LEGAL NAME (please print) John P Remington	TANK OWNER E-MAIL
TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.)	DATE: 4-6-2021

Note: Refer to comments on reverse side of form.

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Have you previously registered this tank by submitting a form? ☒ Yes ☐ No If yes, are you correcting/updating information only? ☒ Yes ☐ No

This registration applies to a ☒ tank ☒ piping status that is *(check one)*: Date of status change: 3-24-21

☐ In Use ☐ Abandoned with Water ☐ Abandoned with Product
☐ Newly Installed ☒ Closed - Removed ☐ Abandoned without Product (empty)
☐ Temporarily Out of Service – Provide Date: ☐ Closed – Filled with Inert Materials ☐ Change of Site/Facility Address Only (complete boxes 1.a. and b. below)
☐ Ownership Change (Indicate new owner name in box 2 -- *attach deed)*

IDENTIFICATION (Please Print)

1. TANK SITE NAME: Rib Mountain Petro Mart Inc	COUNTY: Marathon	PHONE: ( ) -	
a. CURRENT SITE STREET ADDRESS: 4601 Rib Mountain Drive	☐ CITY ☐ VILLAGE ☒ TOWN OF: Rib Mountain	STATE: WI	ZIP: 54401
b. PREVIOUS SITE STREET ADDRESS	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP

Fire Dept. providing fire coverage where tank is located: ☐ CITY ☒ TOWN ☐ VILLAGE of: 3718-Rib Mountain

2. TANK OWNER LEGAL NAME: John Remington	COUNTY: Marathon	PHONE: Check ☐ CELL or ☐ LAND ( ) -	
MAILING ADDRESS: 4601 Rib Mountain Drive	☐ CITY ☐ VILLAGE ☒ TOWN OF: Rib Mountain	STATE: WI	ZIP: 54401-0640
3. PROPERTY OWNER NAME *(if different from Tank Owner Legal Name #2)*	COUNTY *(if different from County #2)*		
PROPERTY OWNER ADDRESS *(if different from Site Street Address #1)*	☐ CITY ☐ VILLAGE ☐ TOWN OF:	STATE	ZIP

4. CLASS A NAME	DOB	CERTIFICATION: (Attach certificate)
5. CLASS B NAME	DOB	CERTIFICATION: (Attach certificate)

SITE ID: **FACILITY ID #** 413001 **CUSTOMER ID #**

Tank Capacity (gallons): 4000 Tank Age (age or date installed): 10/10/1989 Vehicle fueling: ☒ Yes ☐ No

LAND OWNER TYPE *(Refer to back; check one)*: ☐ County ☐ State ☐ Federal Leased ☐ Federal Owned ☐ Tribal Nation ☐ Municipal ☐ Other Government ☒ Private

OCCUPANCY TYPE *(check one)* Refer to back

☒ Retail Fuel Sales ☐ Mercantile/Commercial ☐ Bulk Storage ☐ Terminal Storage ☐ Industrial ☐ Residential ☐ School ☐ Government Fleet
☐ Agricultural (crop or livestock production) ☐ Utility ☐ Backup or Emergency Generator ☐ Other (specify):

TANK CONSTRUCTION:

☐ Bare Steel ☒ Coated Steel ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Fiberglass ☐ Unknown ☐ Other (specify): ☐ Lined (date):

Overfill Protection? ☒ Yes ☐ No
Spill Containment? ☒ Yes ☐ No
Tank Double Walled? ☐ Yes ☒ No

TANK CATHODIC PROTECTION: ☒ Sacrificial Anodes ☐ Impressed Current ☐ N/A

TANK LEAK DETECTION METHOD: ☒ Automatic tank gauging ☐ Interstitial monitoring ⇨ Electronic ☐ Yes ☐ No ☐ Statistical Inventory Reconciliation (SIR)
☐ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Unknown

PIPING CONSTRUCTION: ☒ Single Wall ☐ Double Wall:
☐ Bare Steel ☐ Coated Steel ☒ Fiberglass ☐ Flexible ☐ Copper ☐ Unknown ☐ N/A ☐ Other:

PIPING CATHODIC PROTECTION: ☐ Sacrificial Anodes ☐ Impressed Current ☐ N/A

PRIMARY PIPING SYSTEM TYPE: ☒ Pressurized piping with ⇨ ☒ A. Pump auto shutoff - ELLD ☐ B. Flow restrictor – MLLD ☐ Unknown
☐ Suction piping with check valve at tank ☐ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

PIPING LEAK DETECTION METHOD: ☒ Interstitial monitoring ⇨ Electronic ☒ Yes ☐ No ⇨ Sump or cable sensor ☐ Yes ☐ No
☐ Tightness testing ☐ Electronic line monitor - ELLD ☐ SIR ☐ Not required ☐ Unknown

TANK CONTENTS *Current, or previous product (if tank now empty)* (* = NOT PECFA eligible) ☒ Leaded ☐ Unleaded ☐ Gas-ethanol blend: ___ % ethanol ☐ Diesel
☐ Bio-Diesel: ___ % ☐ Hazardous Waste/Interface* ☐ Kerosene ☐ Fuel Oil ☐ Premix ☐ New Oil ☐ New oil – Flash point less than 200°F
☐ Waste/Used Motor Oil ⇨ ☐ Used for Heating ☐ Aviation ☐ Empty* ☐ Sand/Gravel/Slurry* ☐ Unknown
☐ Other (specify) ☐ Chemical* Name CAS#

Has a site assessment been completed? *(see reverse side for details)* ☒ Yes ☐ No

TANK OWNER LEGAL NAME (please print): John P Remington TANK OWNER E-MAIL:

TANK OWNER SIGNATURE (Note: By signing, signer is accepting legal and financial responsibility for the storage tank system.) DATE: 4-6-2021

Note: Refer to comments on reverse side of form.

TR-WM-140 (11/19) Formerly ERS-8951

Part B – To be completed by environmental professional - Submit *original* Part B to the WDNR along with a *copy* of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

SITE NAME - ***Note: SITE NAME and address MUST MATCH with Part A Section 1.***

Rib Mountain Petro Mart

SITE ADDRESS (Not PO Box)	☐ CITY ☒ TOWN ☐ VILLAGE	STATE	ZIP
225611 (formerly 4601) Rib Mountain Drive	Rib Mountain	WI	54401

To determine if a TSSA is required, see ATCP 93 and section II part B of *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

If a TSSA is required, then follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS*

1. Site Information

a. Has there been a previously documented release at this site? ☐ Y ☒ N

If yes, provide the DATCP # _____ or DNR BRRT's # _____

b. Number of active tanks at facility prior to completion of current services: USTs 5 ASTs _____

(**NOTE 1**: *Do not include previously closed systems or system components.*)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
1 - gas piping trench	60	4	4
2 - diesel piping trench	60	4	4
3 - tank bed	60	40	15

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: ☐ Yes ☒ No b. Petroleum odor: ☐ Yes ☒ No c. Water In excavation/trench: ☐ Yes ☒ No

d. Free product in the excavation/trench: ☐ Yes ☒ No e. Sheen or free product on water: ☐ Yes ☒ No

3. Geology/Hydrogeology

a. Depth to groundwater 25 feet b. Indicate type of geology[2] Sand/clay/bedrock

4. Receptors

a. Water supply well(s) within 250 feet of the facility? ☐ Yes ☒ No If yes, specify: _____

b. Surface water(s) within 1000 feet of the facility? ☐ Yes ☒ No If yes, specify: _____

5. Sampling

a. Follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
S-1	north sidewall - 4,000 gal leaded	☒	☐	☐	☐	8' bls	3.6		
S-2	west sidewall - 4,000 gal leaded	☒	☐	☐	☐	8' bls	0		
S-3	south sidewall - 4,000 gal leaded	☒	☐	☐	☐	8' bls	0		
B1	north bottom - 4,000 gal leaded	☒	☐	☐	☐	1 (12' bls)	4.8		
B2	south bottom - 4,000 gal leaded	☒	☐	☐	☐	1 (12' bls)	4.3		
S-4	north sidewall - 6,000 gal unl	☒	☐	☐	☐	8' bls	3.2		
S-5	south sidewall - 6,000 gal unl	☒	☐	☐	☐	8' bls	0		
B3	north bottom - 6,000 gal unl	☒	☐	☐	☐	1 (12' bls)	0		
B4	south bottom - 6,000 gal unl	☒	☐	☐	☐	1 (12' bls)	0		
S-6	north sidewall - W 10,000 gal unl	☒	☐	☐	☐	8' bls	0		
S-7	south sidewall - W 10,000 gal unl	☒	☐	☐	☐	8' bls	0		
B5	north bottom - W 10,000 gal unl	☒	☐	☐	☐	1 (12' bls)	0		
B6	center bottom - W 10,000 gal unl	☒	☐	☐	☐	1 (12' bls)	0		
B7	south bottom - W 10,000 gal unl	☒	☐	☐	☐	1 (12' bls)	0		

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
S-1	<13.0	<13.8	<13.0	<16.1	<33.9	<39.5	<17.1
S-2	<14.0	<14.8	<14.0	<17.3	<36.5	<42.5	<18.4
S-3	<13.6	<14.4	<13.6	<16.8	<35.4	<41.2	<17.8
B1	<12.7	<13.4	<12.7	<15.7	<37.1	<38.5	<16.6
B2	<12.6	<13.4	<12.6	<15.6	<35.9	<38.3	<16.6
S-4	<12.9	<13.7	<12.9	<15.9	<33.7	<39.2	<16.9
S-5	<13.7	<14.5	<13.7	<16.9	<35.6	<41.4	<17.9
B3	<12.8	<13.6	<12.8	<15.8	<33.3	<38.8	<16.8
B4	<12.4	<13.2	<12.4	<15.4	<32.4	<37.8	<16.3
S-6	<13.9	<14.8	<13.9	<17.2	<36.3	<42.3	<18.3
S-7	<13.5	<14.3	<13.5	<16.7	<35.2	<41	<17.7
B5	<13.2	<14.0	<13.2	<16.3	<34.3	<40	<17.3
B6	<13.0	<13.8	<13.0	<16.1	<33.9	<39.4	<17.0
B7	<12.9	<13.6	<12.9	<15.9	84.7j	<39	<16.9

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

☒ As a tank-system site assessor certified under Wis. Admin. Code section ATCP 93.240, it is my opinion that there is no indication of a release of a regulated substance to the environment.

☐ Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of $10 and a maximum of $5000 for each violation under Wis. Stats. Section 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

Andrew Delforge		401233
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM SITE ASSESSOR SIGNATURE	CERTIFICATION NO.
(715) 675 - 9784	4/8/21	REI Engineering, Inc.
TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME

This document can be made available in alternate formats to individuals with disabilities upon request.

Distribution: DATCP DNR Inspector Contractor Owner

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
S-8	north sidewall - E 10,000 gal unl	☒	☐	☐	☐	8' bls	0		
S-9	south sidewall - E 10,000 gal unl	☒	☐	☐	☐	8' bls	0		
B8	north bottom - E 10,000 gal unl	☒	☐	☐	☐	1 (12' bls)	0		
B9	center bottom - E 10,000 gal unl	☒	☐	☐	☐	1 (12' bls)	0		
B10	south bottom - E 10,000 gal unl	☒	☐	☐	☐	1 (12' bls)	0		
S-10	north sidewall - diesel	☒	☐	☐	☐	8' bls	0		
S-11	east sidewall - diesel	☒	☐	☐	☐	8' bls	0		
S-12	south sidewall - diesel	☒	☐	☐	☐	8' bls	0		
B11	north bottom - diesel	☒	☐	☐	☐	1 (12' bls)	0		
B12	center bottom - diesel	☒	☐	☐	☐	1 (12' bls)	0		
B13	south bottom - diesel	☒	☐	☐	☐	1 (12' bls)	0		
		☒	☐	☐	☐				
		☒	☐	☐	☐				
		☒	☐	☐	☐				

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
S-8	<14.4	<15.3	<14.4	<17.8	<37.6	<43.8	<18.9
S-9	<13.9	17.6j	<13.9	<17.2	<36.2	17.7j	<18.2
B8	<12.9	<13.6	<12.9	<15.9	<33.5	<39	<16.9
B9	<13.2	<14.0	<13.2	<16.3	<34.3	<40	<17.3
B10	<12.4	<13.1	<12.4	<15.3	<32.3	<37.6	<16.3
S-10	<13.3	<14.1	<13.3	<16.4	<34.6	<40.2	<17.4
S-11	<12.9	<13.6	<12.9	<15.9	<33.5	<39	<16.9
S-12	<14.3	<15.2	<14.3	<17.7	<37.3	<43.5	<18.8
B11	<15.9	<16.9	<15.9	<19.7	<41.4	<48.3	<20.9
B12	<15.6	<16.5	<15.6	<19.3	<40.6	<47.4	<20.5
B13	<15.4	<16.3	<15.4	<19.0	<40	<46.7	<20.2

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

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Andrew Delforge		401233
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM SITE ASSESSOR SIGNATURE	CERTIFICATION NO.
(715) 675 - 9784	7/8/21	REI Engineering, Inc.
TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME

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Distribution: DATCP DNR Inspector Contractor Owner

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
GD1	northwest gas dispenser	☒	☐	☐	☐	1 (4' bls)	10.7		
GD2	southwest gas dispenser	☒	☐	☐	☐	1 (4' bls)	21.3		
GD3	northeast gas dispenser	☒	☐	☐	☐	1 (4' bls)	32.5		
GD4	southeast gas dispenser	☒	☐	☐	☐	1 (4' bls)	8.9		
DD1	west diesel dispenser	☒	☐	☐	☐	1 (4' bls)	1.1		
DD2	east diesel dispenser	☒	☐	☐	☐	1 (4' bls)	9.6		
		☒	☐	☐	☐				
		☒	☐	☐	☐				
		☒	☐	☐	☐				
		☒	☐	☐	☐				
		☒	☐	☐	☐				
		☒	☐	☐	☐				
		☒	☐	☐	☐				
		☒	☐	☐	☐				

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
GD1	<13.0	23.0j	<13.0	<16.0	<33.7	<39.3	<17.0
GD2	<14.2	<15.1	<14.2	<17.6	<37.1	<43.3	<18.7
GD3	<28.3	<30.0	<28.3	<35.0	<73.9	<86	<37.2
GD4	<14.7	<15.5	<14.7	<18.1	<38.3	<44.5	<19.2
DD1	<14.3	<43.5	<14.3	<17.7	<37.3	<43.5	<18.8
DD2	<14.2	<15.0	<14.2	<17.6	<37	<43.1	<18.6

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

☒ As a tank-system site assessor certified under Wis. Admin. Code section ATCP 93.240, it is my opinion that there is no indication of a release of a regulated substance to the environment.

☐ Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section ATCP 93.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter ATCP 93 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of $10 and a maximum of $5000 for each violation under Wis. Stats. Section 168.26 (5). Each day of continued violation and each tank are treated as separate offenses.

Andrew Delforge		401233
TANK-SYSTEM SITE ASSESSOR NAME (PRINT):	TANK-SYSTEM SITE ASSESSOR SIGNATURE	CERTIFICATION NO.
(715) 675 - 9784	4/8/21	REI Engineering, Inc.
TANK-SYSTEM SITE ASSESSOR TELEPHONE NUMBER	DATE SIGNED	COMPANY NAME

This document can be made available in alternate formats to individuals with disabilities upon request.

Distribution: DATCP DNR Inspector Contractor Owner

REI
CIVIL & ENVIRONMENTAL
ENGINEERING, SURVEYING

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

FEET

MN
GN
2°50'
50 MILS
1°54'
34 MILS

UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

QUADRANGLE LOCATION

WAUSAU WEST, WI

2018

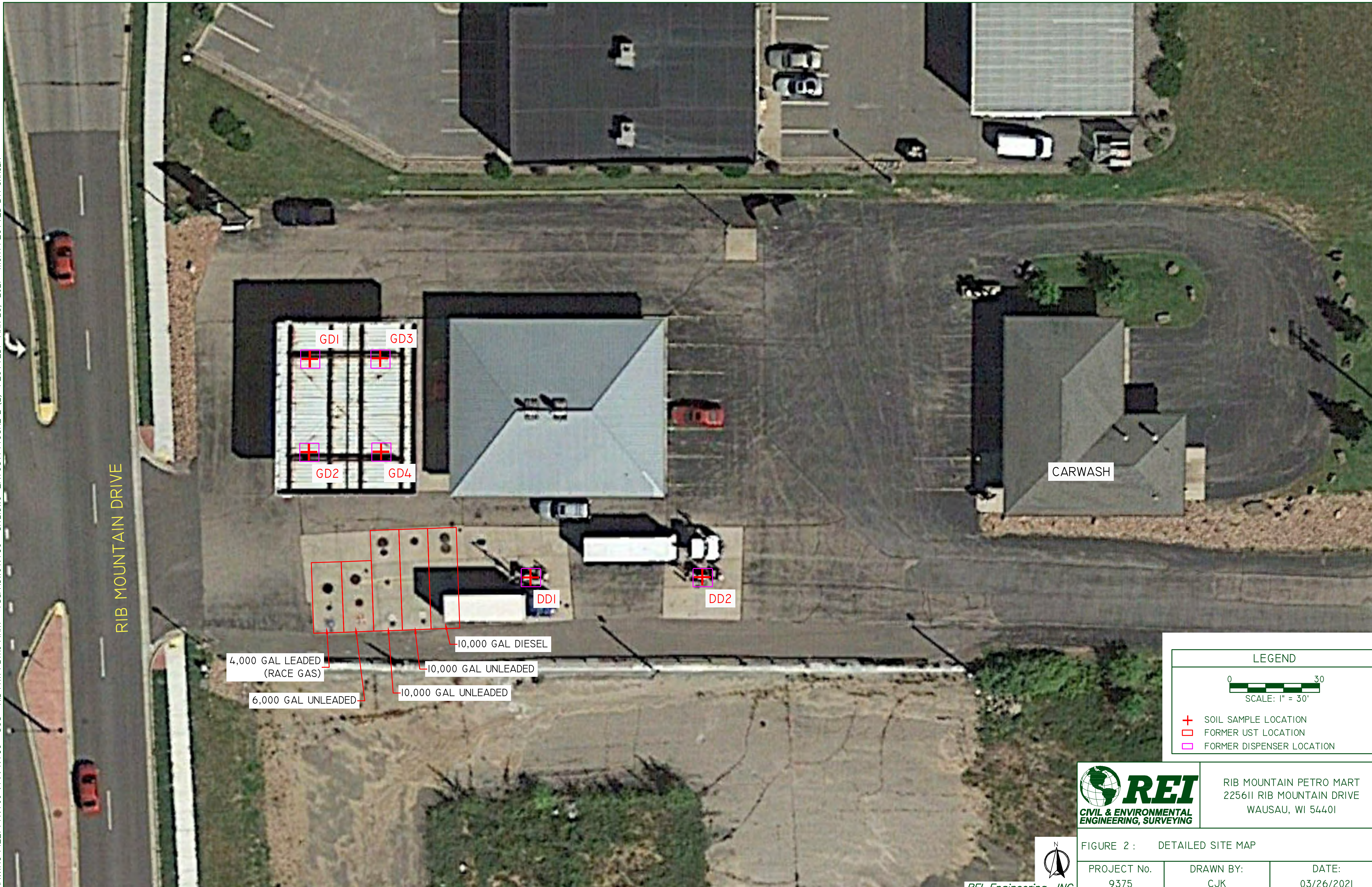
REI ENGINEERING, INC.

RIB MOUNTAIN PETRO MART
22561 RIB MOUNTAIN DRIVE
WAUSAU, WI 54401

FIGURE 1 : VICINITY MAP

PROJECT NO.	DRAWN BY:	DATE:
9735	CJK	03/26/2021

DRAWING FILE: P:\9700-9799\9735 - SGS - RIB MTN PETRO MART - TSSA\DWG\9735 - VICN.DWG LAYOUT: VICIN PLOTTED: MAR 26, 2021 - 1:30PM PLOTTED BY: CHASEK


GD1
GD3
GD2
GD4
DD1
DD2
CARWASH
RIB MOUNTAIN DRIVE
10,000 GAL DIESEL
10,000 GAL UNLEADED
10,000 GAL UNLEADED
4,000 GAL LEADED (RACE GAS)
6,000 GAL UNLEADED
LEGEND
0
30
SCALE: 1" = 30'
SOIL SAMPLE LOCATION
FORMER UST LOCATION
FORMER DISPENSER LOCATION
REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING
RIB MOUNTAIN PETRO MART
225611 RIB MOUNTAIN DRIVE
WAUSAU, WI 54401
N
FIGURE 2 : DETAILED SITE MAP
PROJECT No.
9375
DRAWN BY:
CJK
DATE:
03/26/2021
REI Engineering, INC.

DRAWING FILE: P:\9700-9799\9735 - SGS - RIB MTN PETRO MART - TSSA\DWG\9735 - SITE.DWG LAYOUT: FIGURE 2 (2) PLOTTED: MAR 26, 2021 - 1:18PM PLOTTED BY: CHASEK

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View of site to east from Rib Mountain Drive

6,000 gallon unleaded UST exposed

4,000 gallon leaded (race gas) UST

Pulling 6,000 gallon unleaded UST

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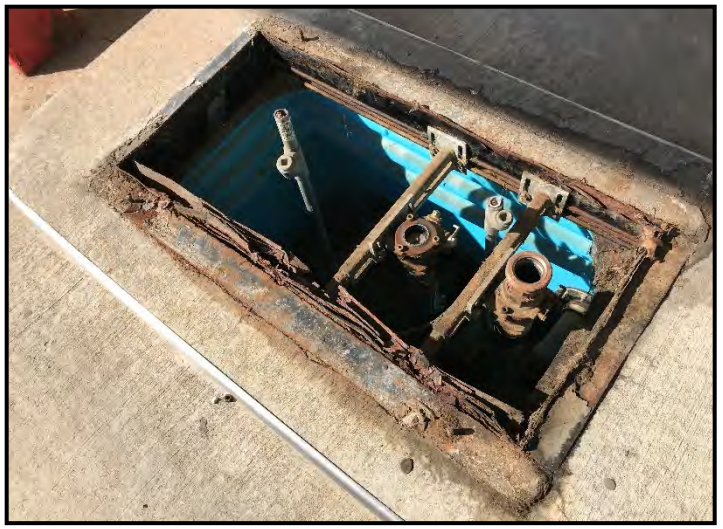
Pulling 10,000 gallon unleaded UST



Dispenser sumps beneath gas dispensers

No sumps beneath diesel dispensers

Pulling 10, 000 gallon unleaded UST

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ENGINEERING, SURVEYING

Pulling diesel UST

All USTs removed

Gasoline canopy - islands and piping removed

Removing diesel piping and islands

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

April 01, 2021

Andy Delforge
REI
4080 North 20th Avenue
Wausau, WI 54401

RE: Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on March 24, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kaylin Felix, REI

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40223887001	**S-1**	Solid	03/23/21 08:30	03/24/21 08:55
40223887002	**S-2**	Solid	03/23/21 08:35	03/24/21 08:55
40223887003	**S-3**	Solid	03/23/21 08:40	03/24/21 08:55
40223887004	**B-1**	Solid	03/23/21 08:45	03/24/21 08:55
40223887005	**B-2**	Solid	03/23/21 08:50	03/24/21 08:55
40223887006	**S-4**	Solid	03/23/21 08:55	03/24/21 08:55
40223887007	**S-5**	Solid	03/23/21 09:00	03/24/21 08:55
40223887008	**B3**	Solid	03/23/21 09:50	03/24/21 08:55
40223887009	**B4**	Solid	03/23/21 09:55	03/24/21 08:55
40223887010	**S6**	Solid	03/23/21 10:30	03/24/21 08:55
40223887011	**S-7**	Solid	03/23/21 10:35	03/24/21 08:55
40223887012	**B5**	Solid	03/23/21 10:40	03/24/21 08:55
40223887013	**B6**	Solid	03/23/21 10:45	03/24/21 08:55
40223887014	**B7**	Solid	03/23/21 10:50	03/24/21 08:55
40223887015	**S-8**	Solid	03/23/21 11:15	03/24/21 08:55
40223887016	**S-9**	Solid	03/23/21 11:20	03/24/21 08:55
40223887017	**B8**	Solid	03/23/21 11:50	03/24/21 08:55
40223887018	**B9**	Solid	03/23/21 11:55	03/24/21 08:55
40223887019	**B10**	Solid	03/23/21 12:00	03/24/21 08:55
40223887020	**S10**	Solid	03/23/21 12:20	03/24/21 08:55
40223887021	**S11**	Solid	03/23/21 12:25	03/24/21 08:55
40223887022	**S12**	Solid	03/23/21 12:30	03/24/21 08:55
40223887023	**B11**	Solid	03/23/21 12:35	03/24/21 08:55
40223887024	**B12**	Solid	03/23/21 12:40	03/24/21 08:55
40223887025	**B13**	Solid	03/23/21 12:45	03/24/21 08:55

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40223887001	**S-1**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887002	**S-2**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887003	**S-3**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887004	**B-1**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887005	**B-2**	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887006	**S-4**	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887007	**S-5**	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887008	**B3**	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887009	**B4**	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887010	**S6**	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887011	**S-7**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887012	**B5**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887013	**B6**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887014	**B7**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887015	**S-8**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887016	**S-9**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887017	**B8**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887018	**B9**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887019	**B10**	EPA 8260	ALD	12	PASI-G

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	AH	1	PASI-G
40223887020	**S10**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40223887021	**S11**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40223887022	**S12**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40223887023	**B11**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40223887024	**B12**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G
40223887025	**B13**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	MMX	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S-1 **Lab ID: 40223887001** Collected: 03/23/21 08:30 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.0**	ug/kg	21.9	13.0	1	03/31/21 07:15	03/31/21 18:36	71-43-2	
Ethylbenzene	**<13.0**	ug/kg	54.8	13.0	1	03/31/21 07:15	03/31/21 18:36	100-41-4	
Methyl-tert-butyl ether	**<16.1**	ug/kg	54.8	16.1	1	03/31/21 07:15	03/31/21 18:36	1634-04-4	
Naphthalene	**<17.1**	ug/kg	274	17.1	1	03/31/21 07:15	03/31/21 18:36	91-20-3	
Toluene	**<13.8**	ug/kg	54.8	13.8	1	03/31/21 07:15	03/31/21 18:36	108-88-3	
1,2,4-Trimethylbenzene	**<16.3**	ug/kg	54.8	16.3	1	03/31/21 07:15	03/31/21 18:36	95-63-6	
1,3,5-Trimethylbenzene	**<17.6**	ug/kg	54.8	17.6	1	03/31/21 07:15	03/31/21 18:36	108-67-8	
m&p-Xylene	**<23.1**	ug/kg	110	23.1	1	03/31/21 07:15	03/31/21 18:36	179601-23-1	
o-Xylene	**<16.4**	ug/kg	54.8	16.4	1	03/31/21 07:15	03/31/21 18:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	66-153		1	03/31/21 07:15	03/31/21 18:36	460-00-4	
Toluene-d8 (S)	113	%	67-159		1	03/31/21 07:15	03/31/21 18:36	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	82-158		1	03/31/21 07:15	03/31/21 18:36	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**4.6**	%	0.10	0.10	1		03/24/21 14:51		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S-2 **Lab ID: 40223887002** Collected: 03/23/21 08:35 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.0**	ug/kg	23.5	14.0	1	03/26/21 09:00	03/29/21 18:29	71-43-2	
Ethylbenzene	**<14.0**	ug/kg	58.9	14.0	1	03/26/21 09:00	03/29/21 18:29	100-41-4	
Methyl-tert-butyl ether	**<17.3**	ug/kg	58.9	17.3	1	03/26/21 09:00	03/29/21 18:29	1634-04-4	
Naphthalene	**<18.4**	ug/kg	294	18.4	1	03/26/21 09:00	03/29/21 18:29	91-20-3	
Toluene	**<14.8**	ug/kg	58.9	14.8	1	03/26/21 09:00	03/29/21 18:29	108-88-3	
1,2,4-Trimethylbenzene	**<17.5**	ug/kg	58.9	17.5	1	03/26/21 09:00	03/29/21 18:29	95-63-6	
1,3,5-Trimethylbenzene	**<19.0**	ug/kg	58.9	19.0	1	03/26/21 09:00	03/29/21 18:29	108-67-8	
m&p-Xylene	**<24.8**	ug/kg	118	24.8	1	03/26/21 09:00	03/29/21 18:29	179601-23-1	
o-Xylene	**<17.7**	ug/kg	58.9	17.7	1	03/26/21 09:00	03/29/21 18:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	76	%	66-153		1	03/26/21 09:00	03/29/21 18:29	460-00-4	
Toluene-d8 (S)	95	%	67-159		1	03/26/21 09:00	03/29/21 18:29	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	82-158		1	03/26/21 09:00	03/29/21 18:29	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.1**	%	0.10	0.10	1		03/24/21 14:51		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S-3 **Lab ID: 40223887003** Collected: 03/23/21 08:40 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.6**	ug/kg	22.8	13.6	1	03/26/21 09:00	03/29/21 13:24	71-43-2	
Ethylbenzene	**<13.6**	ug/kg	57.1	13.6	1	03/26/21 09:00	03/29/21 13:24	100-41-4	
Methyl-tert-butyl ether	**<16.8**	ug/kg	57.1	16.8	1	03/26/21 09:00	03/29/21 13:24	1634-04-4	
Naphthalene	**<17.8**	ug/kg	286	17.8	1	03/26/21 09:00	03/29/21 13:24	91-20-3	
Toluene	**<14.4**	ug/kg	57.1	14.4	1	03/26/21 09:00	03/29/21 13:24	108-88-3	
1,2,4-Trimethylbenzene	**<17.0**	ug/kg	57.1	17.0	1	03/26/21 09:00	03/29/21 13:24	95-63-6	
1,3,5-Trimethylbenzene	**<18.4**	ug/kg	57.1	18.4	1	03/26/21 09:00	03/29/21 13:24	108-67-8	
m&p-Xylene	**<24.1**	ug/kg	114	24.1	1	03/26/21 09:00	03/29/21 13:24	179601-23-1	
o-Xylene	**<17.1**	ug/kg	57.1	17.1	1	03/26/21 09:00	03/29/21 13:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	66-153		1	03/26/21 09:00	03/29/21 13:24	460-00-4	
Toluene-d8 (S)	108	%	67-159		1	03/26/21 09:00	03/29/21 13:24	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	114	%	82-158		1	03/26/21 09:00	03/29/21 13:24	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**6.6**	%	0.10	0.10	1		03/24/21 14:51		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B-1 **Lab ID: 40223887004** Collected: 03/23/21 08:45 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<12.7**	ug/kg	21.3	12.7	1	03/26/21 09:00	03/29/21 13:43	71-43-2	
Ethylbenzene	**<12.7**	ug/kg	53.3	12.7	1	03/26/21 09:00	03/29/21 13:43	100-41-4	
Methyl-tert-butyl ether	**<15.7**	ug/kg	53.3	15.7	1	03/26/21 09:00	03/29/21 13:43	1634-04-4	
Naphthalene	**<16.6**	ug/kg	266	16.6	1	03/26/21 09:00	03/29/21 13:43	91-20-3	
Toluene	**<13.4**	ug/kg	53.3	13.4	1	03/26/21 09:00	03/29/21 13:43	108-88-3	
1,2,4-Trimethylbenzene	**<15.9**	ug/kg	53.3	15.9	1	03/26/21 09:00	03/29/21 13:43	95-63-6	
1,3,5-Trimethylbenzene	**<17.2**	ug/kg	53.3	17.2	1	03/26/21 09:00	03/29/21 13:43	108-67-8	
m&p-Xylene	**<22.5**	ug/kg	107	22.5	1	03/26/21 09:00	03/29/21 13:43	179601-23-1	
o-Xylene	**<16.0**	ug/kg	53.3	16.0	1	03/26/21 09:00	03/29/21 13:43	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	66-153		1	03/26/21 09:00	03/29/21 13:43	460-00-4	
Toluene-d8 (S)	107	%	67-159		1	03/26/21 09:00	03/29/21 13:43	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	82-158		1	03/26/21 09:00	03/29/21 13:43	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.2**	%	0.10	0.10	1		03/24/21 14:51		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B-2 **Lab ID: 40223887005** Collected: 03/23/21 08:50 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<12.6**	ug/kg	21.3	12.6	1	03/29/21 07:00	03/30/21 00:20	71-43-2	
Ethylbenzene	**<12.6**	ug/kg	53.1	12.6	1	03/29/21 07:00	03/30/21 00:20	100-41-4	
Methyl-tert-butyl ether	**<15.6**	ug/kg	53.1	15.6	1	03/29/21 07:00	03/30/21 00:20	1634-04-4	
Naphthalene	**<16.6**	ug/kg	266	16.6	1	03/29/21 07:00	03/30/21 00:20	91-20-3	
Toluene	**<13.4**	ug/kg	53.1	13.4	1	03/29/21 07:00	03/30/21 00:20	108-88-3	
1,2,4-Trimethylbenzene	**<15.8**	ug/kg	53.1	15.8	1	03/29/21 07:00	03/30/21 00:20	95-63-6	
1,3,5-Trimethylbenzene	**<17.1**	ug/kg	53.1	17.1	1	03/29/21 07:00	03/30/21 00:20	108-67-8	
m&p-Xylene	**<22.4**	ug/kg	106	22.4	1	03/29/21 07:00	03/30/21 00:20	179601-23-1	
o-Xylene	**<15.9**	ug/kg	53.1	15.9	1	03/29/21 07:00	03/30/21 00:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	66-153		1	03/29/21 07:00	03/30/21 00:20	460-00-4	
Toluene-d8 (S)	77	%	67-159		1	03/29/21 07:00	03/30/21 00:20	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	94	%	82-158		1	03/29/21 07:00	03/30/21 00:20	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.0**	%	0.10	0.10	1		03/24/21 14:51		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S-4 **Lab ID: 40223887006** Collected: 03/23/21 08:55 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<12.9**	ug/kg	21.7	12.9	1	03/29/21 07:00	03/30/21 00:40	71-43-2	
Ethylbenzene	**<12.9**	ug/kg	54.2	12.9	1	03/29/21 07:00	03/30/21 00:40	100-41-4	
Methyl-tert-butyl ether	**<15.9**	ug/kg	54.2	15.9	1	03/29/21 07:00	03/30/21 00:40	1634-04-4	
Naphthalene	**<16.9**	ug/kg	271	16.9	1	03/29/21 07:00	03/30/21 00:40	91-20-3	
Toluene	**<13.7**	ug/kg	54.2	13.7	1	03/29/21 07:00	03/30/21 00:40	108-88-3	
1,2,4-Trimethylbenzene	**<16.2**	ug/kg	54.2	16.2	1	03/29/21 07:00	03/30/21 00:40	95-63-6	
1,3,5-Trimethylbenzene	**<17.5**	ug/kg	54.2	17.5	1	03/29/21 07:00	03/30/21 00:40	108-67-8	
m&p-Xylene	**<22.9**	ug/kg	108	22.9	1	03/29/21 07:00	03/30/21 00:40	179601-23-1	
o-Xylene	**<16.3**	ug/kg	54.2	16.3	1	03/29/21 07:00	03/30/21 00:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	115	%	66-153		1	03/29/21 07:00	03/30/21 00:40	460-00-4	
Toluene-d8 (S)	104	%	67-159		1	03/29/21 07:00	03/30/21 00:40	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	118	%	82-158		1	03/29/21 07:00	03/30/21 00:40	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**4.1**	%	0.10	0.10	1		03/24/21 14:51		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S-5 **Lab ID: 40223887007** Collected: 03/23/21 09:00 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.7**	ug/kg	23.0	13.7	1	03/29/21 07:00	03/30/21 01:00	71-43-2	
Ethylbenzene	**<13.7**	ug/kg	57.4	13.7	1	03/29/21 07:00	03/30/21 01:00	100-41-4	
Methyl-tert-butyl ether	**<16.9**	ug/kg	57.4	16.9	1	03/29/21 07:00	03/30/21 01:00	1634-04-4	
Naphthalene	**<17.9**	ug/kg	287	17.9	1	03/29/21 07:00	03/30/21 01:00	91-20-3	
Toluene	**<14.5**	ug/kg	57.4	14.5	1	03/29/21 07:00	03/30/21 01:00	108-88-3	
1,2,4-Trimethylbenzene	**<17.1**	ug/kg	57.4	17.1	1	03/29/21 07:00	03/30/21 01:00	95-63-6	
1,3,5-Trimethylbenzene	**<18.5**	ug/kg	57.4	18.5	1	03/29/21 07:00	03/30/21 01:00	108-67-8	
m&p-Xylene	**<24.2**	ug/kg	115	24.2	1	03/29/21 07:00	03/30/21 01:00	179601-23-1	
o-Xylene	**<17.2**	ug/kg	57.4	17.2	1	03/29/21 07:00	03/30/21 01:00	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	109	%	66-153		1	03/29/21 07:00	03/30/21 01:00	460-00-4	
Toluene-d8 (S)	100	%	67-159		1	03/29/21 07:00	03/30/21 01:00	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	113	%	82-158		1	03/29/21 07:00	03/30/21 01:00	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**6.9**	%	0.10	0.10	1		03/24/21 14:51		

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B3 **Lab ID: 40223887008** Collected: 03/23/21 09:50 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<12.8**	ug/kg	21.5	12.8	1	03/29/21 07:00	03/30/21 01:20	71-43-2	
Ethylbenzene	**<12.8**	ug/kg	53.8	12.8	1	03/29/21 07:00	03/30/21 01:20	100-41-4	
Methyl-tert-butyl ether	**<15.8**	ug/kg	53.8	15.8	1	03/29/21 07:00	03/30/21 01:20	1634-04-4	
Naphthalene	**<16.8**	ug/kg	269	16.8	1	03/29/21 07:00	03/30/21 01:20	91-20-3	
Toluene	**<13.6**	ug/kg	53.8	13.6	1	03/29/21 07:00	03/30/21 01:20	108-88-3	
1,2,4-Trimethylbenzene	**<16.0**	ug/kg	53.8	16.0	1	03/29/21 07:00	03/30/21 01:20	95-63-6	
1,3,5-Trimethylbenzene	**<17.3**	ug/kg	53.8	17.3	1	03/29/21 07:00	03/30/21 01:20	108-67-8	
m&p-Xylene	**<22.7**	ug/kg	108	22.7	1	03/29/21 07:00	03/30/21 01:20	179601-23-1	
o-Xylene	**<16.1**	ug/kg	53.8	16.1	1	03/29/21 07:00	03/30/21 01:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	66-153		1	03/29/21 07:00	03/30/21 01:20	460-00-4	
Toluene-d8 (S)	89	%	67-159		1	03/29/21 07:00	03/30/21 01:20	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	99	%	82-158		1	03/29/21 07:00	03/30/21 01:20	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.7**	%	0.10	0.10	1		03/24/21 14:51		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B4 **Lab ID: 40223887009** Collected: 03/23/21 09:55 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<12.4**	ug/kg	20.9	12.4	1	03/29/21 07:00	03/29/21 23:40	71-43-2	
Ethylbenzene	**<12.4**	ug/kg	52.3	12.4	1	03/29/21 07:00	03/29/21 23:40	100-41-4	
Methyl-tert-butyl ether	**<15.4**	ug/kg	52.3	15.4	1	03/29/21 07:00	03/29/21 23:40	1634-04-4	
Naphthalene	**<16.3**	ug/kg	261	16.3	1	03/29/21 07:00	03/29/21 23:40	91-20-3	
Toluene	**<13.2**	ug/kg	52.3	13.2	1	03/29/21 07:00	03/29/21 23:40	108-88-3	
1,2,4-Trimethylbenzene	**<15.6**	ug/kg	52.3	15.6	1	03/29/21 07:00	03/29/21 23:40	95-63-6	
1,3,5-Trimethylbenzene	**<16.8**	ug/kg	52.3	16.8	1	03/29/21 07:00	03/29/21 23:40	108-67-8	
m&p-Xylene	**<22.1**	ug/kg	105	22.1	1	03/29/21 07:00	03/29/21 23:40	179601-23-1	
o-Xylene	**<15.7**	ug/kg	52.3	15.7	1	03/29/21 07:00	03/29/21 23:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	66-153		1	03/29/21 07:00	03/29/21 23:40	460-00-4	
Toluene-d8 (S)	92	%	67-159		1	03/29/21 07:00	03/29/21 23:40	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	03/29/21 07:00	03/29/21 23:40	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**2.2**	%	0.10	0.10	1		03/24/21 14:51		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S6 **Lab ID: 40223887010** Collected: 03/23/21 10:30 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.9**	ug/kg	23.4	13.9	1	03/29/21 07:00	03/30/21 02:41	71-43-2	
Ethylbenzene	**<13.9**	ug/kg	58.6	13.9	1	03/29/21 07:00	03/30/21 02:41	100-41-4	
Methyl-tert-butyl ether	**<17.2**	ug/kg	58.6	17.2	1	03/29/21 07:00	03/30/21 02:41	1634-04-4	
Naphthalene	**<18.3**	ug/kg	293	18.3	1	03/29/21 07:00	03/30/21 02:41	91-20-3	
Toluene	**<14.8**	ug/kg	58.6	14.8	1	03/29/21 07:00	03/30/21 02:41	108-88-3	
1,2,4-Trimethylbenzene	**<17.4**	ug/kg	58.6	17.4	1	03/29/21 07:00	03/30/21 02:41	95-63-6	
1,3,5-Trimethylbenzene	**<18.9**	ug/kg	58.6	18.9	1	03/29/21 07:00	03/30/21 02:41	108-67-8	
m&p-Xylene	**<24.7**	ug/kg	117	24.7	1	03/29/21 07:00	03/30/21 02:41	179601-23-1	
o-Xylene	**<17.6**	ug/kg	58.6	17.6	1	03/29/21 07:00	03/30/21 02:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	112	%	66-153		1	03/29/21 07:00	03/30/21 02:41	460-00-4	
Toluene-d8 (S)	100	%	67-159		1	03/29/21 07:00	03/30/21 02:41	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	114	%	82-158		1	03/29/21 07:00	03/30/21 02:41	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.9**	%	0.10	0.10	1		03/24/21 14:51		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S-7 **Lab ID: 40223887011** Collected: 03/23/21 10:35 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.5**	ug/kg	22.7	13.5	1	03/30/21 09:00	03/31/21 01:34	71-43-2	
Ethylbenzene	**<13.5**	ug/kg	56.8	13.5	1	03/30/21 09:00	03/31/21 01:34	100-41-4	
Methyl-tert-butyl ether	**<16.7**	ug/kg	56.8	16.7	1	03/30/21 09:00	03/31/21 01:34	1634-04-4	
Naphthalene	**<17.7**	ug/kg	284	17.7	1	03/30/21 09:00	03/31/21 01:34	91-20-3	
Toluene	**<14.3**	ug/kg	56.8	14.3	1	03/30/21 09:00	03/31/21 01:34	108-88-3	
1,2,4-Trimethylbenzene	**<16.9**	ug/kg	56.8	16.9	1	03/30/21 09:00	03/31/21 01:34	95-63-6	
1,3,5-Trimethylbenzene	**<18.3**	ug/kg	56.8	18.3	1	03/30/21 09:00	03/31/21 01:34	108-67-8	
m&p-Xylene	**<24.0**	ug/kg	114	24.0	1	03/30/21 09:00	03/31/21 01:34	179601-23-1	
o-Xylene	**<17.0**	ug/kg	56.8	17.0	1	03/30/21 09:00	03/31/21 01:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	66-153		1	03/30/21 09:00	03/31/21 01:34	460-00-4	
Toluene-d8 (S)	115	%	67-159		1	03/30/21 09:00	03/31/21 01:34	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	105	%	82-158		1	03/30/21 09:00	03/31/21 01:34	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**6.4**	%	0.10	0.10	1		03/24/21 14:51		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B5 **Lab ID: 40223887012** Collected: 03/23/21 10:40 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.2**	ug/kg	22.2	13.2	1	03/30/21 09:00	03/31/21 01:53	71-43-2	
Ethylbenzene	**<13.2**	ug/kg	55.4	13.2	1	03/30/21 09:00	03/31/21 01:53	100-41-4	
Methyl-tert-butyl ether	**<16.3**	ug/kg	55.4	16.3	1	03/30/21 09:00	03/31/21 01:53	1634-04-4	
Naphthalene	**<17.3**	ug/kg	277	17.3	1	03/30/21 09:00	03/31/21 01:53	91-20-3	
Toluene	**<14.0**	ug/kg	55.4	14.0	1	03/30/21 09:00	03/31/21 01:53	108-88-3	
1,2,4-Trimethylbenzene	**<16.5**	ug/kg	55.4	16.5	1	03/30/21 09:00	03/31/21 01:53	95-63-6	
1,3,5-Trimethylbenzene	**<17.8**	ug/kg	55.4	17.8	1	03/30/21 09:00	03/31/21 01:53	108-67-8	
m&p-Xylene	**<23.4**	ug/kg	111	23.4	1	03/30/21 09:00	03/31/21 01:53	179601-23-1	
o-Xylene	**<16.6**	ug/kg	55.4	16.6	1	03/30/21 09:00	03/31/21 01:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	66-153		1	03/30/21 09:00	03/31/21 01:53	460-00-4	
Toluene-d8 (S)	113	%	67-159		1	03/30/21 09:00	03/31/21 01:53	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	104	%	82-158		1	03/30/21 09:00	03/31/21 01:53	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**5.1**	%	0.10	0.10	1		03/24/21 14:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B6 **Lab ID: 40223887013** Collected: 03/23/21 10:45 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.0**	ug/kg	21.8	13.0	1	03/30/21 09:00	03/31/21 02:13	71-43-2	
Ethylbenzene	**<13.0**	ug/kg	54.6	13.0	1	03/30/21 09:00	03/31/21 02:13	100-41-4	
Methyl-tert-butyl ether	**<16.1**	ug/kg	54.6	16.1	1	03/30/21 09:00	03/31/21 02:13	1634-04-4	
Naphthalene	**<17.0**	ug/kg	273	17.0	1	03/30/21 09:00	03/31/21 02:13	91-20-3	
Toluene	**<13.8**	ug/kg	54.6	13.8	1	03/30/21 09:00	03/31/21 02:13	108-88-3	
1,2,4-Trimethylbenzene	**<16.3**	ug/kg	54.6	16.3	1	03/30/21 09:00	03/31/21 02:13	95-63-6	
1,3,5-Trimethylbenzene	**<17.6**	ug/kg	54.6	17.6	1	03/30/21 09:00	03/31/21 02:13	108-67-8	
m&p-Xylene	**<23.0**	ug/kg	109	23.0	1	03/30/21 09:00	03/31/21 02:13	179601-23-1	
o-Xylene	**<16.4**	ug/kg	54.6	16.4	1	03/30/21 09:00	03/31/21 02:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	79	%	66-153		1	03/30/21 09:00	03/31/21 02:13	460-00-4	
Toluene-d8 (S)	102	%	67-159		1	03/30/21 09:00	03/31/21 02:13	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	82-158		1	03/30/21 09:00	03/31/21 02:13	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**4.4**	%	0.10	0.10	1		03/24/21 14:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B7 **Lab ID: 40223887014** Collected: 03/23/21 10:50 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<12.9**	ug/kg	21.6	12.9	1	03/30/21 09:00	03/31/21 10:15	71-43-2	
Ethylbenzene	**<12.9**	ug/kg	54.1	12.9	1	03/30/21 09:00	03/31/21 10:15	100-41-4	
Methyl-tert-butyl ether	**<15.9**	ug/kg	54.1	15.9	1	03/30/21 09:00	03/31/21 10:15	1634-04-4	
Naphthalene	**<16.9**	ug/kg	270	16.9	1	03/30/21 09:00	03/31/21 10:15	91-20-3	
Toluene	**<13.6**	ug/kg	54.1	13.6	1	03/30/21 09:00	03/31/21 10:15	108-88-3	
1,2,4-Trimethylbenzene	**53.5J**	ug/kg	54.1	16.1	1	03/30/21 09:00	03/31/21 10:15	95-63-6	
1,3,5-Trimethylbenzene	**31.2J**	ug/kg	54.1	17.4	1	03/30/21 09:00	03/31/21 10:15	108-67-8	
m&p-Xylene	**<22.8**	ug/kg	108	22.8	1	03/30/21 09:00	03/31/21 10:15	179601-23-1	
o-Xylene	**<16.2**	ug/kg	54.1	16.2	1	03/30/21 09:00	03/31/21 10:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	81	%	66-153		1	03/30/21 09:00	03/31/21 10:15	460-00-4	
Toluene-d8 (S)	106	%	67-159		1	03/30/21 09:00	03/31/21 10:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	82-158		1	03/30/21 09:00	03/31/21 10:15	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.9**	%	0.10	0.10	1		03/24/21 14:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S-8 **Lab ID: 40223887015** Collected: 03/23/21 11:15 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.4**	ug/kg	24.3	14.4	1	03/30/21 09:00	03/31/21 10:35	71-43-2	
Ethylbenzene	**<14.4**	ug/kg	60.7	14.4	1	03/30/21 09:00	03/31/21 10:35	100-41-4	
Methyl-tert-butyl ether	**<17.8**	ug/kg	60.7	17.8	1	03/30/21 09:00	03/31/21 10:35	1634-04-4	
Naphthalene	**<18.9**	ug/kg	303	18.9	1	03/30/21 09:00	03/31/21 10:35	91-20-3	
Toluene	**<15.3**	ug/kg	60.7	15.3	1	03/30/21 09:00	03/31/21 10:35	108-88-3	
1,2,4-Trimethylbenzene	**<18.1**	ug/kg	60.7	18.1	1	03/30/21 09:00	03/31/21 10:35	95-63-6	
1,3,5-Trimethylbenzene	**<19.5**	ug/kg	60.7	19.5	1	03/30/21 09:00	03/31/21 10:35	108-67-8	
m&p-Xylene	**<25.6**	ug/kg	121	25.6	1	03/30/21 09:00	03/31/21 10:35	179601-23-1	
o-Xylene	**<18.2**	ug/kg	60.7	18.2	1	03/30/21 09:00	03/31/21 10:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	131	%	66-153		1	03/30/21 09:00	03/31/21 10:35	460-00-4	
Toluene-d8 (S)	170	%	67-159		1	03/30/21 09:00	03/31/21 10:35	2037-26-5	S3
1,2-Dichlorobenzene-d4 (S)	162	%	82-158		1	03/30/21 09:00	03/31/21 10:35	2199-69-1	S3
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**4.6**	%	0.10	0.10	1		03/24/21 14:52		

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S-9 **Lab ID: 40223887016** Collected: 03/23/21 11:20 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.9**	ug/kg	23.4	13.9	1	03/30/21 09:00	03/31/21 10:54	71-43-2	
Ethylbenzene	**<13.9**	ug/kg	58.4	13.9	1	03/30/21 09:00	03/31/21 10:54	100-41-4	
Methyl-tert-butyl ether	**<17.2**	ug/kg	58.4	17.2	1	03/30/21 09:00	03/31/21 10:54	1634-04-4	
Naphthalene	**<18.2**	ug/kg	292	18.2	1	03/30/21 09:00	03/31/21 10:54	91-20-3	
Toluene	**17.6J**	ug/kg	58.4	14.7	1	03/30/21 09:00	03/31/21 10:54	108-88-3	
1,2,4-Trimethylbenzene	**<17.4**	ug/kg	58.4	17.4	1	03/30/21 09:00	03/31/21 10:54	95-63-6	
1,3,5-Trimethylbenzene	**<18.8**	ug/kg	58.4	18.8	1	03/30/21 09:00	03/31/21 10:54	108-67-8	
m&p-Xylene	**<24.6**	ug/kg	117	24.6	1	03/30/21 09:00	03/31/21 10:54	179601-23-1	
o-Xylene	**17.7J**	ug/kg	58.4	17.5	1	03/30/21 09:00	03/31/21 10:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	78	%	66-153		1	03/30/21 09:00	03/31/21 10:54	460-00-4	
Toluene-d8 (S)	108	%	67-159		1	03/30/21 09:00	03/31/21 10:54	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	103	%	82-158		1	03/30/21 09:00	03/31/21 10:54	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.7**	%	0.10	0.10	1		03/24/21 14:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B8 **Lab ID: 40223887017** Collected: 03/23/21 11:50 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<12.9**	ug/kg	21.6	12.9	1	03/30/21 09:00	03/30/21 11:09	71-43-2	
Ethylbenzene	**<12.9**	ug/kg	54.0	12.9	1	03/30/21 09:00	03/30/21 11:09	100-41-4	
Methyl-tert-butyl ether	**<15.9**	ug/kg	54.0	15.9	1	03/30/21 09:00	03/30/21 11:09	1634-04-4	
Naphthalene	**<16.9**	ug/kg	270	16.9	1	03/30/21 09:00	03/30/21 11:09	91-20-3	
Toluene	**<13.6**	ug/kg	54.0	13.6	1	03/30/21 09:00	03/30/21 11:09	108-88-3	
1,2,4-Trimethylbenzene	**<16.1**	ug/kg	54.0	16.1	1	03/30/21 09:00	03/30/21 11:09	95-63-6	
1,3,5-Trimethylbenzene	**<17.4**	ug/kg	54.0	17.4	1	03/30/21 09:00	03/30/21 11:09	108-67-8	
m&p-Xylene	**<22.8**	ug/kg	108	22.8	1	03/30/21 09:00	03/30/21 11:09	179601-23-1	
o-Xylene	**<16.2**	ug/kg	54.0	16.2	1	03/30/21 09:00	03/30/21 11:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	78	%	66-153		1	03/30/21 09:00	03/30/21 11:09	460-00-4	
Toluene-d8 (S)	99	%	67-159		1	03/30/21 09:00	03/30/21 11:09	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	98	%	82-158		1	03/30/21 09:00	03/30/21 11:09	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.9**	%	0.10	0.10	1		03/24/21 14:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B9 **Lab ID: 40223887018** Collected: 03/23/21 11:55 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.2**	ug/kg	22.2	13.2	1	03/30/21 09:00	03/31/21 11:14	71-43-2	
Ethylbenzene	**<13.2**	ug/kg	55.4	13.2	1	03/30/21 09:00	03/31/21 11:14	100-41-4	
Methyl-tert-butyl ether	**<16.3**	ug/kg	55.4	16.3	1	03/30/21 09:00	03/31/21 11:14	1634-04-4	
Naphthalene	**<17.3**	ug/kg	277	17.3	1	03/30/21 09:00	03/31/21 11:14	91-20-3	
Toluene	**<14.0**	ug/kg	55.4	14.0	1	03/30/21 09:00	03/31/21 11:14	108-88-3	
1,2,4-Trimethylbenzene	**<16.5**	ug/kg	55.4	16.5	1	03/30/21 09:00	03/31/21 11:14	95-63-6	
1,3,5-Trimethylbenzene	**<17.8**	ug/kg	55.4	17.8	1	03/30/21 09:00	03/31/21 11:14	108-67-8	
m&p-Xylene	**<23.4**	ug/kg	111	23.4	1	03/30/21 09:00	03/31/21 11:14	179601-23-1	
o-Xylene	**<16.6**	ug/kg	55.4	16.6	1	03/30/21 09:00	03/31/21 11:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	87	%	66-153		1	03/30/21 09:00	03/31/21 11:14	460-00-4	
Toluene-d8 (S)	113	%	67-159		1	03/30/21 09:00	03/31/21 11:14	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	82-158		1	03/30/21 09:00	03/31/21 11:14	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**5.1**	%	0.10	0.10	1		03/24/21 14:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B10 **Lab ID: 40223887019** Collected: 03/23/21 12:00 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<12.4**	ug/kg	20.8	12.4	1	03/30/21 09:00	03/31/21 11:34	71-43-2	
Ethylbenzene	**<12.4**	ug/kg	52.1	12.4	1	03/30/21 09:00	03/31/21 11:34	100-41-4	
Methyl-tert-butyl ether	**<15.3**	ug/kg	52.1	15.3	1	03/30/21 09:00	03/31/21 11:34	1634-04-4	
Naphthalene	**<16.2**	ug/kg	260	16.2	1	03/30/21 09:00	03/31/21 11:34	91-20-3	
Toluene	**<13.1**	ug/kg	52.1	13.1	1	03/30/21 09:00	03/31/21 11:34	108-88-3	
1,2,4-Trimethylbenzene	**<15.5**	ug/kg	52.1	15.5	1	03/30/21 09:00	03/31/21 11:34	95-63-6	
1,3,5-Trimethylbenzene	**<16.8**	ug/kg	52.1	16.8	1	03/30/21 09:00	03/31/21 11:34	108-67-8	
m&p-Xylene	**<22.0**	ug/kg	104	22.0	1	03/30/21 09:00	03/31/21 11:34	179601-23-1	
o-Xylene	**<15.6**	ug/kg	52.1	15.6	1	03/30/21 09:00	03/31/21 11:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	77	%	66-153		1	03/30/21 09:00	03/31/21 11:34	460-00-4	
Toluene-d8 (S)	101	%	67-159		1	03/30/21 09:00	03/31/21 11:34	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	96	%	82-158		1	03/30/21 09:00	03/31/21 11:34	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**2.0**	%	0.10	0.10	1		03/24/21 14:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S10 **Lab ID: 40223887020** Collected: 03/23/21 12:20 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.3**	ug/kg	22.3	13.3	1	03/30/21 09:00	03/31/21 11:53	71-43-2	
Ethylbenzene	**<13.3**	ug/kg	55.8	13.3	1	03/30/21 09:00	03/31/21 11:53	100-41-4	
Methyl-tert-butyl ether	**<16.4**	ug/kg	55.8	16.4	1	03/30/21 09:00	03/31/21 11:53	1634-04-4	
Naphthalene	**<17.4**	ug/kg	279	17.4	1	03/30/21 09:00	03/31/21 11:53	91-20-3	
Toluene	**<14.1**	ug/kg	55.8	14.1	1	03/30/21 09:00	03/31/21 11:53	108-88-3	
1,2,4-Trimethylbenzene	**<16.6**	ug/kg	55.8	16.6	1	03/30/21 09:00	03/31/21 11:53	95-63-6	
1,3,5-Trimethylbenzene	**<18.0**	ug/kg	55.8	18.0	1	03/30/21 09:00	03/31/21 11:53	108-67-8	
m&p-Xylene	**<23.5**	ug/kg	112	23.5	1	03/30/21 09:00	03/31/21 11:53	179601-23-1	
o-Xylene	**<16.7**	ug/kg	55.8	16.7	1	03/30/21 09:00	03/31/21 11:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	84	%	66-153		1	03/30/21 09:00	03/31/21 11:53	460-00-4	
Toluene-d8 (S)	104	%	67-159		1	03/30/21 09:00	03/31/21 11:53	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	106	%	82-158		1	03/30/21 09:00	03/31/21 11:53	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**5.5**	%	0.10	0.10	1		03/24/21 14:52		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S11 **Lab ID: 40223887021** Collected: 03/23/21 12:25 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<12.9**	ug/kg	21.7	12.9	1	03/31/21 07:15	03/31/21 16:58	71-43-2	
Ethylbenzene	**<12.9**	ug/kg	54.1	12.9	1	03/31/21 07:15	03/31/21 16:58	100-41-4	
Methyl-tert-butyl ether	**<15.9**	ug/kg	54.1	15.9	1	03/31/21 07:15	03/31/21 16:58	1634-04-4	
Naphthalene	**<16.9**	ug/kg	271	16.9	1	03/31/21 07:15	03/31/21 16:58	91-20-3	
Toluene	**<13.6**	ug/kg	54.1	13.6	1	03/31/21 07:15	03/31/21 16:58	108-88-3	
1,2,4-Trimethylbenzene	**<16.1**	ug/kg	54.1	16.1	1	03/31/21 07:15	03/31/21 16:58	95-63-6	
1,3,5-Trimethylbenzene	**<17.4**	ug/kg	54.1	17.4	1	03/31/21 07:15	03/31/21 16:58	108-67-8	
m&p-Xylene	**<22.8**	ug/kg	108	22.8	1	03/31/21 07:15	03/31/21 16:58	179601-23-1	
o-Xylene	**<16.2**	ug/kg	54.1	16.2	1	03/31/21 07:15	03/31/21 16:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	76	%	66-153		1	03/31/21 07:15	03/31/21 16:58	460-00-4	
Toluene-d8 (S)	97	%	67-159		1	03/31/21 07:15	03/31/21 16:58	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	94	%	82-158		1	03/31/21 07:15	03/31/21 16:58	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**4.0**	%	0.10	0.10	1		03/24/21 16:21		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: S12 **Lab ID: 40223887022** Collected: 03/23/21 12:30 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.3**	ug/kg	24.1	14.3	1	03/31/21 07:15	03/31/21 18:55	71-43-2	
Ethylbenzene	**<14.3**	ug/kg	60.2	14.3	1	03/31/21 07:15	03/31/21 18:55	100-41-4	
Methyl-tert-butyl ether	**<17.7**	ug/kg	60.2	17.7	1	03/31/21 07:15	03/31/21 18:55	1634-04-4	
Naphthalene	**<18.8**	ug/kg	301	18.8	1	03/31/21 07:15	03/31/21 18:55	91-20-3	
Toluene	**<15.2**	ug/kg	60.2	15.2	1	03/31/21 07:15	03/31/21 18:55	108-88-3	
1,2,4-Trimethylbenzene	**<17.9**	ug/kg	60.2	17.9	1	03/31/21 07:15	03/31/21 18:55	95-63-6	
1,3,5-Trimethylbenzene	**<19.4**	ug/kg	60.2	19.4	1	03/31/21 07:15	03/31/21 18:55	108-67-8	
m&p-Xylene	**<25.4**	ug/kg	120	25.4	1	03/31/21 07:15	03/31/21 18:55	179601-23-1	
o-Xylene	**<18.1**	ug/kg	60.2	18.1	1	03/31/21 07:15	03/31/21 18:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	75	%	66-153		1	03/31/21 07:15	03/31/21 18:55	460-00-4	
Toluene-d8 (S)	99	%	67-159		1	03/31/21 07:15	03/31/21 18:55	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	97	%	82-158		1	03/31/21 07:15	03/31/21 18:55	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**9.3**	%	0.10	0.10	1		03/24/21 16:21		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B11 **Lab ID: 40223887023** Collected: 03/23/21 12:35 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<15.9**	ug/kg	26.8	15.9	1	03/31/21 07:15	03/31/21 19:15	71-43-2	
Ethylbenzene	**<15.9**	ug/kg	66.9	15.9	1	03/31/21 07:15	03/31/21 19:15	100-41-4	
Methyl-tert-butyl ether	**<19.7**	ug/kg	66.9	19.7	1	03/31/21 07:15	03/31/21 19:15	1634-04-4	
Naphthalene	**<20.9**	ug/kg	334	20.9	1	03/31/21 07:15	03/31/21 19:15	91-20-3	
Toluene	**<16.9**	ug/kg	66.9	16.9	1	03/31/21 07:15	03/31/21 19:15	108-88-3	
1,2,4-Trimethylbenzene	**<19.9**	ug/kg	66.9	19.9	1	03/31/21 07:15	03/31/21 19:15	95-63-6	
1,3,5-Trimethylbenzene	**<21.5**	ug/kg	66.9	21.5	1	03/31/21 07:15	03/31/21 19:15	108-67-8	
m&p-Xylene	**<28.2**	ug/kg	134	28.2	1	03/31/21 07:15	03/31/21 19:15	179601-23-1	
o-Xylene	**<20.1**	ug/kg	66.9	20.1	1	03/31/21 07:15	03/31/21 19:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	66-153		1	03/31/21 07:15	03/31/21 19:15	460-00-4	
Toluene-d8 (S)	121	%	67-159		1	03/31/21 07:15	03/31/21 19:15	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	114	%	82-158		1	03/31/21 07:15	03/31/21 19:15	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.4**	%	0.10	0.10	1		03/24/21 16:21		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B12 **Lab ID: 40223887024** Collected: 03/23/21 12:40 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<15.6**	ug/kg	26.2	15.6	1	03/31/21 07:15	03/31/21 19:35	71-43-2	
Ethylbenzene	**<15.6**	ug/kg	65.6	15.6	1	03/31/21 07:15	03/31/21 19:35	100-41-4	
Methyl-tert-butyl ether	**<19.3**	ug/kg	65.6	19.3	1	03/31/21 07:15	03/31/21 19:35	1634-04-4	
Naphthalene	**<20.5**	ug/kg	328	20.5	1	03/31/21 07:15	03/31/21 19:35	91-20-3	
Toluene	**<16.5**	ug/kg	65.6	16.5	1	03/31/21 07:15	03/31/21 19:35	108-88-3	
1,2,4-Trimethylbenzene	**<19.5**	ug/kg	65.6	19.5	1	03/31/21 07:15	03/31/21 19:35	95-63-6	
1,3,5-Trimethylbenzene	**<21.1**	ug/kg	65.6	21.1	1	03/31/21 07:15	03/31/21 19:35	108-67-8	
m&p-Xylene	**<27.7**	ug/kg	131	27.7	1	03/31/21 07:15	03/31/21 19:35	179601-23-1	
o-Xylene	**<19.7**	ug/kg	65.6	19.7	1	03/31/21 07:15	03/31/21 19:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	66-153		1	03/31/21 07:15	03/31/21 19:35	460-00-4	
Toluene-d8 (S)	112	%	67-159		1	03/31/21 07:15	03/31/21 19:35	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	110	%	82-158		1	03/31/21 07:15	03/31/21 19:35	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.5**	%	0.10	0.10	1		03/24/21 16:21		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Sample: B13 **Lab ID: 40223887025** Collected: 03/23/21 12:45 Received: 03/24/21 08:55 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<15.4**	ug/kg	25.8	15.4	1	03/31/21 07:15	03/31/21 19:54	71-43-2	
Ethylbenzene	**<15.4**	ug/kg	64.6	15.4	1	03/31/21 07:15	03/31/21 19:54	100-41-4	
Methyl-tert-butyl ether	**<19.0**	ug/kg	64.6	19.0	1	03/31/21 07:15	03/31/21 19:54	1634-04-4	
Naphthalene	**<20.2**	ug/kg	323	20.2	1	03/31/21 07:15	03/31/21 19:54	91-20-3	
Toluene	**<16.3**	ug/kg	64.6	16.3	1	03/31/21 07:15	03/31/21 19:54	108-88-3	
1,2,4-Trimethylbenzene	**<19.2**	ug/kg	64.6	19.2	1	03/31/21 07:15	03/31/21 19:54	95-63-6	
1,3,5-Trimethylbenzene	**<20.8**	ug/kg	64.6	20.8	1	03/31/21 07:15	03/31/21 19:54	108-67-8	
m&p-Xylene	**<27.3**	ug/kg	129	27.3	1	03/31/21 07:15	03/31/21 19:54	179601-23-1	
o-Xylene	**<19.4**	ug/kg	64.6	19.4	1	03/31/21 07:15	03/31/21 19:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	66-153		1	03/31/21 07:15	03/31/21 19:54	460-00-4	
Toluene-d8 (S)	125	%	67-159		1	03/31/21 07:15	03/31/21 19:54	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	116	%	82-158		1	03/31/21 07:15	03/31/21 19:54	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.7**	%	0.10	0.10	1		03/24/21 16:22		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

QC Batch: 380765
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Short List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40223887002, 40223887003, 40223887004

METHOD BLANK: 2196178 Matrix: Solid
Associated Lab Samples: 40223887002, 40223887003, 40223887004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/26/21 09:55	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/26/21 09:55	
Benzene	ug/kg	<11.9	20.0	03/26/21 09:55	
Ethylbenzene	ug/kg	<11.9	50.0	03/26/21 09:55	
m&p-Xylene	ug/kg	<21.1	100	03/26/21 09:55	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/26/21 09:55	
Naphthalene	ug/kg	<15.6	250	03/26/21 09:55	
o-Xylene	ug/kg	<15.0	50.0	03/26/21 09:55	
Toluene	ug/kg	<12.6	50.0	03/26/21 09:55	
1,2-Dichlorobenzene-d4 (S)	%	99	82-158	03/26/21 09:55	
4-Bromofluorobenzene (S)	%	99	66-153	03/26/21 09:55	
Toluene-d8 (S)	%	93	67-159	03/26/21 09:55	

LABORATORY CONTROL SAMPLE: 2196179

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2610	104	70-130	
Ethylbenzene	ug/kg	2500	2540	102	78-120	
m&p-Xylene	ug/kg	5000	5140	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2110	84	65-130	
o-Xylene	ug/kg	2500	2510	100	70-130	
Toluene	ug/kg	2500	2760	111	76-120	
1,2-Dichlorobenzene-d4 (S)	%			101	82-158	
4-Bromofluorobenzene (S)	%			103	66-153	
Toluene-d8 (S)	%			116	67-159	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

QC Batch: 380868
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Short List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40223887005, 40223887006, 40223887007, 40223887008, 40223887009, 40223887010

METHOD BLANK: 2197022 Matrix: Solid
Associated Lab Samples: 40223887005, 40223887006, 40223887007, 40223887008, 40223887009, 40223887010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/29/21 17:57	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/29/21 17:57	
Benzene	ug/kg	<11.9	20.0	03/29/21 17:57	
Ethylbenzene	ug/kg	<11.9	50.0	03/29/21 17:57	
m&p-Xylene	ug/kg	<21.1	100	03/29/21 17:57	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/29/21 17:57	
Naphthalene	ug/kg	<15.6	250	03/29/21 17:57	
o-Xylene	ug/kg	<15.0	50.0	03/29/21 17:57	
Toluene	ug/kg	<12.6	50.0	03/29/21 17:57	
1,2-Dichlorobenzene-d4 (S)	%	102	82-158	03/29/21 17:57	
4-Bromofluorobenzene (S)	%	102	66-153	03/29/21 17:57	
Toluene-d8 (S)	%	95	67-159	03/29/21 17:57	

LABORATORY CONTROL SAMPLE: 2197023

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2060	82	70-130	
Ethylbenzene	ug/kg	2500	2230	89	78-120	
m&p-Xylene	ug/kg	5000	4570	91	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2150	86	65-130	
o-Xylene	ug/kg	2500	2330	93	70-130	
Toluene	ug/kg	2500	2140	86	76-120	
1,2-Dichlorobenzene-d4 (S)	%			90	82-158	
4-Bromofluorobenzene (S)	%			88	66-153	
Toluene-d8 (S)	%			80	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2197024 2197025

Parameter	Units	40223887009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<12.4	1040	1040	994	967	95	92	70-130	3	20	
Ethylbenzene	ug/kg	<12.4	1040	1040	1070	1030	103	99	78-120	4	20	
m&p-Xylene	ug/kg	<22.1	2090	2090	2170	2120	104	101	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	<15.4	1040	1040	1020	1010	98	96	65-130	2	20	
o-Xylene	ug/kg	<15.7	1040	1040	1150	1100	110	105	70-130	4	20	
Toluene	ug/kg	<13.2	1040	1040	1040	953	100	91	76-120	9	20	
1,2-Dichlorobenzene-d4 (S)	%						105	101	82-158			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2197024 2197025

Parameter	Units	40223887009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						106	105	66-153			
Toluene-d8 (S)	%						92	91	67-159			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

QC Batch: 381028
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Short List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40223887011, 40223887012, 40223887013, 40223887014, 40223887015, 40223887016, 40223887017, 40223887018, 40223887019, 40223887020

METHOD BLANK: 2197695 Matrix: Solid
Associated Lab Samples: 40223887011, 40223887012, 40223887013, 40223887014, 40223887015, 40223887016, 40223887017, 40223887018, 40223887019, 40223887020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/30/21 08:47	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/30/21 08:47	
Benzene	ug/kg	<11.9	20.0	03/30/21 08:47	
Ethylbenzene	ug/kg	<11.9	50.0	03/30/21 08:47	
m&p-Xylene	ug/kg	<21.1	100	03/30/21 08:47	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/30/21 08:47	
Naphthalene	ug/kg	<15.6	250	03/30/21 08:47	
o-Xylene	ug/kg	<15.0	50.0	03/30/21 08:47	
Toluene	ug/kg	<12.6	50.0	03/30/21 08:47	
1,2-Dichlorobenzene-d4 (S)	%	97	82-158	03/30/21 08:47	
4-Bromofluorobenzene (S)	%	75	66-153	03/30/21 08:47	
Toluene-d8 (S)	%	95	67-159	03/30/21 08:47	

LABORATORY CONTROL SAMPLE: 2197696

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2840	114	70-130	
Ethylbenzene	ug/kg	2500	2570	103	78-120	
m&p-Xylene	ug/kg	5000	5370	107	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2180	87	65-130	
o-Xylene	ug/kg	2500	2690	108	70-130	
Toluene	ug/kg	2500	2600	104	76-120	
1,2-Dichlorobenzene-d4 (S)	%			101	82-158	
4-Bromofluorobenzene (S)	%			84	66-153	
Toluene-d8 (S)	%			109	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2197697 2197698

Parameter	Units	40223887017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<12.9	1080	1080	1120	1060	103	98	70-130	5	20	
Ethylbenzene	ug/kg	<12.9	1080	1080	976	960	90	89	78-120	2	20	
m&p-Xylene	ug/kg	<22.8	2160	2160	2150	2040	100	94	70-130	5	20	
Methyl-tert-butyl ether	ug/kg	<15.9	1080	1080	862	760	80	70	65-130	13	20	
o-Xylene	ug/kg	<16.2	1080	1080	1070	1070	99	99	70-130	1	20	
Toluene	ug/kg	<13.6	1080	1080	1030	952	95	88	76-120	8	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2197697 2197698

Parameter	Units	40223887017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichlorobenzene-d4 (S)	%						111	109	82-158			
4-Bromofluorobenzene (S)	%						91	82	66-153			
Toluene-d8 (S)	%						104	108	67-159			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

QC Batch: 381143
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Short List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40223887001, 40223887021, 40223887022, 40223887023, 40223887024, 40223887025

METHOD BLANK: 2198194 Matrix: Solid
Associated Lab Samples: 40223887001, 40223887021, 40223887022, 40223887023, 40223887024, 40223887025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/31/21 15:01	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/31/21 15:01	
Benzene	ug/kg	<11.9	20.0	03/31/21 15:01	
Ethylbenzene	ug/kg	<11.9	50.0	03/31/21 15:01	
m&p-Xylene	ug/kg	<21.1	100	03/31/21 15:01	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/31/21 15:01	
Naphthalene	ug/kg	<15.6	250	03/31/21 15:01	
o-Xylene	ug/kg	<15.0	50.0	03/31/21 15:01	
Toluene	ug/kg	<12.6	50.0	03/31/21 15:01	
1,2-Dichlorobenzene-d4 (S)	%	96	82-158	03/31/21 15:01	
4-Bromofluorobenzene (S)	%	81	66-153	03/31/21 15:01	
Toluene-d8 (S)	%	102	67-159	03/31/21 15:01	

LABORATORY CONTROL SAMPLE: 2198195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2310	92	70-130	
Ethylbenzene	ug/kg	2500	2080	83	78-120	
m&p-Xylene	ug/kg	5000	4290	86	70-130	
Methyl-tert-butyl ether	ug/kg	2500	1760	70	65-130	
o-Xylene	ug/kg	2500	2190	88	70-130	
Toluene	ug/kg	2500	2160	86	76-120	
1,2-Dichlorobenzene-d4 (S)	%			102	82-158	
4-Bromofluorobenzene (S)	%			84	66-153	
Toluene-d8 (S)	%			103	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2198196 2198197

Parameter	Units	40223887021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<12.9	1080	1080	1130	1170	104	108	70-130	3	20	
Ethylbenzene	ug/kg	<12.9	1080	1080	1120	1090	103	101	78-120	3	20	
m&p-Xylene	ug/kg	<22.8	2170	2170	2210	2230	102	103	70-130	1	20	
Methyl-tert-butyl ether	ug/kg	<15.9	1080	1080	906	860	84	79	65-130	5	20	
o-Xylene	ug/kg	<16.2	1080	1080	1130	1120	104	104	70-130	1	20	
Toluene	ug/kg	<13.6	1080	1080	1100	1070	101	99	76-120	2	20	
1,2-Dichlorobenzene-d4 (S)	%						106	109	82-158			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2198196 2198197

Parameter	Units	40223887021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						87	91	66-153			
Toluene-d8 (S)	%						113	110	67-159			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

QC Batch: 380602
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40223887001, 40223887002, 40223887003, 40223887004, 40223887005, 40223887006, 40223887007, 40223887008, 40223887009, 40223887010, 40223887011, 40223887012, 40223887013, 40223887014, 40223887015, 40223887016, 40223887017, 40223887018, 40223887019, 40223887020

SAMPLE DUPLICATE: 2195131

Parameter	Units	40223887003 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.6	6.7	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

QC Batch: 380615
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40223887021, 40223887022, 40223887023, 40223887024, 40223887025

SAMPLE DUPLICATE: 2195273

Parameter	Units	40223906004 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.8	14.6	8	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40223887001	**S-1**	EPA 5035/5030B	381143	EPA 8260	381165
40223887002	**S-2**	EPA 5035/5030B	380765	EPA 8260	380768
40223887003	**S-3**	EPA 5035/5030B	380765	EPA 8260	380768
40223887004	**B-1**	EPA 5035/5030B	380765	EPA 8260	380768
40223887005	**B-2**	EPA 5035/5030B	380868	EPA 8260	380881
40223887006	**S-4**	EPA 5035/5030B	380868	EPA 8260	380881
40223887007	**S-5**	EPA 5035/5030B	380868	EPA 8260	380881
40223887008	**B3**	EPA 5035/5030B	380868	EPA 8260	380881
40223887009	**B4**	EPA 5035/5030B	380868	EPA 8260	380881
40223887010	**S6**	EPA 5035/5030B	380868	EPA 8260	380881
40223887011	**S-7**	EPA 5035/5030B	381028	EPA 8260	381029
40223887012	**B5**	EPA 5035/5030B	381028	EPA 8260	381029
40223887013	**B6**	EPA 5035/5030B	381028	EPA 8260	381029
40223887014	**B7**	EPA 5035/5030B	381028	EPA 8260	381029
40223887015	**S-8**	EPA 5035/5030B	381028	EPA 8260	381029
40223887016	**S-9**	EPA 5035/5030B	381028	EPA 8260	381029
40223887017	**B8**	EPA 5035/5030B	381028	EPA 8260	381029
40223887018	**B9**	EPA 5035/5030B	381028	EPA 8260	381029
40223887019	**B10**	EPA 5035/5030B	381028	EPA 8260	381029
40223887020	**S10**	EPA 5035/5030B	381028	EPA 8260	381029
40223887021	**S11**	EPA 5035/5030B	381143	EPA 8260	381165
40223887022	**S12**	EPA 5035/5030B	381143	EPA 8260	381165
40223887023	**B11**	EPA 5035/5030B	381143	EPA 8260	381165
40223887024	**B12**	EPA 5035/5030B	381143	EPA 8260	381165
40223887025	**B13**	EPA 5035/5030B	381143	EPA 8260	381165
40223887001	**S-1**	ASTM D2974-87	380602		
40223887002	**S-2**	ASTM D2974-87	380602		
40223887003	**S-3**	ASTM D2974-87	380602		
40223887004	**B-1**	ASTM D2974-87	380602		
40223887005	**B-2**	ASTM D2974-87	380602		
40223887006	**S-4**	ASTM D2974-87	380602		
40223887007	**S-5**	ASTM D2974-87	380602		
40223887008	**B3**	ASTM D2974-87	380602		
40223887009	**B4**	ASTM D2974-87	380602		
40223887010	**S6**	ASTM D2974-87	380602		
40223887011	**S-7**	ASTM D2974-87	380602		
40223887012	**B5**	ASTM D2974-87	380602		
40223887013	**B6**	ASTM D2974-87	380602		
40223887014	**B7**	ASTM D2974-87	380602		
40223887015	**S-8**	ASTM D2974-87	380602		
40223887016	**S-9**	ASTM D2974-87	380602		
40223887017	**B8**	ASTM D2974-87	380602		
40223887018	**B9**	ASTM D2974-87	380602		
40223887019	**B10**	ASTM D2974-87	380602		
40223887020	**S10**	ASTM D2974-87	380602		
40223887021	**S11**	ASTM D2974-87	380615		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 9735 RIB MTN PETRO
Pace Project No.: 40223887

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40223887022	**S12**	ASTM D2974-87	380615		
40223887023	**B11**	ASTM D2974-87	380615		
40223887024	**B12**	ASTM D2974-87	380615		
40223887025	**B13**	ASTM D2974-87	380615		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

40223887

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CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	PEI
Branch/Location:	Wausau
Project Contact:	Andy DeBoer
Phone:	715-675-9784
Project Number:	9735
Project Name:	Rib Mtn Petro
Project State:	WI
Sampled By (Print):	Andy DeBoer
Sampled By (Sign):	
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	AD
Mail To Company:	PEI
Mail To Address:	
Invoice To Contact:	AD
Invoice To Company:	PEI
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: BUCFM	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	S-1	3/23/21	8:30	S	N	F				
002	S-2		8:35							
003	S-3		8:40							
004	B-1		8:45							
005	B-2		8:50							
006	S-4		8:55							
007	S-5		9:00							
008	B3		9:50							
009	B4		9:55							
010	S6		10:30							
011	S-7		10:35							
012	B5		10:40							
013	B6	↓	10:45	↓						

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/21 1515		
WHCO	3/24/21 0855		3/24/21 0855

PACE Project No.
40223887

Receipt Temp = .5 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

40223887

Pace Analytical®
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CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	REI
Branch/Location:	Wausau
Project Contact:	Andy DeProfio
Phone:	715-675-9787
Project Number:	9735
Project Name:	RIB Mtn PETro
Project State:	WI
Sampled By (Print):	Andy DeProfio
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	AD
Mail To Company:	REI
Mail To Address:	
Invoice To Contact:	AD
Invoice To Company:	REI
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: Pb ctn	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
014	B7	3/23/21	10:50	S	N	F				
015	B 5-8		11:15							
016	S-9		11:20							
017	B9		11:50							
018	B9		11:55							
019	B 10		12:00							
020	S10		12:20							
021	S11		12:25							
022	S12		12:30							
023	B11		12:35							
024	B12		12:40							
025	B 13		12:45	S						

3/24/21 AY

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	3/23/21 1515		
Watco	3/24/21 0855		3/24/21 0855

PACE Project No.
40223887

Receipt Temp = .5 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Preservation Receipt Form

Client Name: REI

Project # 40223887

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☒N/A

Lab Lot# of pH paper: Lab Std #ID of preservation (if pH adjusted): Initial when completed: Date/ Time:

	Glass							Plastic					Vials						Jars				General								
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
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016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other:_____ Headspace in VOA Vials (>6mm) : ☐Yes ☐No ☒N/A ***If yes look in headspace column**

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Sample Preservation Receipt Form

Client Name: REI Project #: 40223887

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	Vials: VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
021																		1					1										2.5 / 5 / 10
022																		1					1										2.5 / 5 / 10
023																		1					1										2.5 / 5 / 10
024																		1					1										2.5 / 5 / 10
025																		1					1										2.5 / 5 / 10
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3/24/21

Page 2 of 3

F-GB-C-046-Rev.03 (11Feb2020) Sample Preservation Receipt Form

Pace Analytical® 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40223887

40223887

Client Name: RET

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☒ Waltco ☐ Client ☐ Pace Other:

Tracking #: 2788375-1

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used SR - 90 **Type of Ice:** (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 1 /Corr: .5

Temp Blank Present: ☐ yes ☒ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
Date: 3/24/21 /Initials:
Labeled By Initials: MLR

Chain of Custody Present:	☒Yes ☐No ☐N/A	1. incomplete mail / invoice MLR 3-24-21
Chain of Custody Filled Out:	☐Yes ☒No ☐N/A	2. pg # 1 3/24/21 ny
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☒No	6.
Rush Turn Around Time Requested:	☐Yes ☒No	7.
Sufficient Volume: For Analysis: ☒Yes ☐No MS/MSD:	☐Yes ☒No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☒N/A	
Containers Intact:	☒Yes ☐No	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: S	☐Yes ☒No ☐N/A	12. 014 VGM Time 10:30, All WPH No Date/Time. MLR 3-24-21 3/24/21
Trip Blank Present:	☐Yes ☒No ☐N/A	13. ny
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

April 01, 2021

Andy Delforge
REI
4080 North 20th Avenue
Wausau, WI 54401

RE: Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Dear Andy Delforge:

Enclosed are the analytical results for sample(s) received by the laboratory on March 26, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Kaylin Felix, REI

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40224045001	**GD1**	Solid	03/24/21 11:45	03/26/21 08:45
40224045002	**GD2**	Solid	03/24/21 11:50	03/26/21 08:45
40224045003	**GD3**	Solid	03/24/21 11:55	03/26/21 08:45
40224045004	**GD4**	Solid	03/24/21 12:00	03/26/21 08:45
40224045005	**DD1**	Solid	03/24/21 12:05	03/26/21 08:45
40224045006	**DD2**	Solid	03/24/21 12:15	03/26/21 08:45

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SAMPLE ANALYTE COUNT

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40224045001	**GD1**	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40224045002	**GD2**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40224045003	**GD3**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40224045004	**GD4**	EPA 8260	ALD	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40224045005	**DD1**	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G
40224045006	**DD2**	EPA 8260	MDS	12	PASI-G
		ASTM D2974-87	AH	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Sample: GD1 **Lab ID: 40224045001** Collected: 03/24/21 11:45 Received: 03/26/21 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.0**	ug/kg	21.8	13.0	1	03/31/21 07:30	03/31/21 18:23	71-43-2	
Ethylbenzene	**<13.0**	ug/kg	54.4	13.0	1	03/31/21 07:30	03/31/21 18:23	100-41-4	
Methyl-tert-butyl ether	**<16.0**	ug/kg	54.4	16.0	1	03/31/21 07:30	03/31/21 18:23	1634-04-4	
Naphthalene	**<17.0**	ug/kg	272	17.0	1	03/31/21 07:30	03/31/21 18:23	91-20-3	
Toluene	**23.0J**	ug/kg	54.4	13.7	1	03/31/21 07:30	03/31/21 18:23	108-88-3	
1,2,4-Trimethylbenzene	**<16.2**	ug/kg	54.4	16.2	1	03/31/21 07:30	03/31/21 18:23	95-63-6	
1,3,5-Trimethylbenzene	**<17.5**	ug/kg	54.4	17.5	1	03/31/21 07:30	03/31/21 18:23	108-67-8	
m&p-Xylene	**<23.0**	ug/kg	109	23.0	1	03/31/21 07:30	03/31/21 18:23	179601-23-1	
o-Xylene	**<16.3**	ug/kg	54.4	16.3	1	03/31/21 07:30	03/31/21 18:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	119	%	66-153		1	03/31/21 07:30	03/31/21 18:23	460-00-4	
Toluene-d8 (S)	103	%	67-159		1	03/31/21 07:30	03/31/21 18:23	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	119	%	82-158		1	03/31/21 07:30	03/31/21 18:23	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**4.3**	%	0.10	0.10	1		03/26/21 13:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Sample: GD2 **Lab ID: 40224045002** Collected: 03/24/21 11:50 Received: 03/26/21 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.2**	ug/kg	23.9	14.2	1	03/31/21 07:15	03/31/21 21:32	71-43-2	
Ethylbenzene	**<14.2**	ug/kg	59.9	14.2	1	03/31/21 07:15	03/31/21 21:32	100-41-4	
Methyl-tert-butyl ether	**<17.6**	ug/kg	59.9	17.6	1	03/31/21 07:15	03/31/21 21:32	1634-04-4	
Naphthalene	**<18.7**	ug/kg	299	18.7	1	03/31/21 07:15	03/31/21 21:32	91-20-3	
Toluene	**<15.1**	ug/kg	59.9	15.1	1	03/31/21 07:15	03/31/21 21:32	108-88-3	
1,2,4-Trimethylbenzene	**<17.8**	ug/kg	59.9	17.8	1	03/31/21 07:15	03/31/21 21:32	95-63-6	
1,3,5-Trimethylbenzene	**<19.3**	ug/kg	59.9	19.3	1	03/31/21 07:15	03/31/21 21:32	108-67-8	
m&p-Xylene	**<25.3**	ug/kg	120	25.3	1	03/31/21 07:15	03/31/21 21:32	179601-23-1	
o-Xylene	**<18.0**	ug/kg	59.9	18.0	1	03/31/21 07:15	03/31/21 21:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	83	%	66-153		1	03/31/21 07:15	03/31/21 21:32	460-00-4	
Toluene-d8 (S)	107	%	67-159		1	03/31/21 07:15	03/31/21 21:32	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	102	%	82-158		1	03/31/21 07:15	03/31/21 21:32	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**3.9**	%	0.10	0.10	1		03/26/21 13:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Sample: GD3 **Lab ID: 40224045003** Collected: 03/24/21 11:55 Received: 03/26/21 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<28.3**	ug/kg	47.6	28.3	2	03/31/21 07:15	03/31/21 22:50	71-43-2	
Ethylbenzene	**<28.3**	ug/kg	119	28.3	2	03/31/21 07:15	03/31/21 22:50	100-41-4	
Methyl-tert-butyl ether	**<35.0**	ug/kg	119	35.0	2	03/31/21 07:15	03/31/21 22:50	1634-04-4	
Naphthalene	**<37.2**	ug/kg	596	37.2	2	03/31/21 07:15	03/31/21 22:50	91-20-3	
Toluene	**<30.0**	ug/kg	119	30.0	2	03/31/21 07:15	03/31/21 22:50	108-88-3	
1,2,4-Trimethylbenzene	**<35.5**	ug/kg	119	35.5	2	03/31/21 07:15	03/31/21 22:50	95-63-6	
1,3,5-Trimethylbenzene	**<38.4**	ug/kg	119	38.4	2	03/31/21 07:15	03/31/21 22:50	108-67-8	
m&p-Xylene	**<50.3**	ug/kg	238	50.3	2	03/31/21 07:15	03/31/21 22:50	179601-23-1	
o-Xylene	**<35.7**	ug/kg	119	35.7	2	03/31/21 07:15	03/31/21 22:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	77	%	66-153		2	03/31/21 07:15	03/31/21 22:50	460-00-4	D3
Toluene-d8 (S)	105	%	67-159		2	03/31/21 07:15	03/31/21 22:50	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	100	%	82-158		2	03/31/21 07:15	03/31/21 22:50	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**5.8**	%	0.10	0.10	1		03/26/21 13:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Sample: GD4 **Lab ID: 40224045004** Collected: 03/24/21 12:00 Received: 03/26/21 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.7**	ug/kg	24.7	14.7	1	03/31/21 07:15	03/31/21 21:51	71-43-2	
Ethylbenzene	**<14.7**	ug/kg	61.7	14.7	1	03/31/21 07:15	03/31/21 21:51	100-41-4	
Methyl-tert-butyl ether	**<18.1**	ug/kg	61.7	18.1	1	03/31/21 07:15	03/31/21 21:51	1634-04-4	
Naphthalene	**<19.2**	ug/kg	308	19.2	1	03/31/21 07:15	03/31/21 21:51	91-20-3	
Toluene	**<15.5**	ug/kg	61.7	15.5	1	03/31/21 07:15	03/31/21 21:51	108-88-3	
1,2,4-Trimethylbenzene	**<18.4**	ug/kg	61.7	18.4	1	03/31/21 07:15	03/31/21 21:51	95-63-6	
1,3,5-Trimethylbenzene	**<19.9**	ug/kg	61.7	19.9	1	03/31/21 07:15	03/31/21 21:51	108-67-8	
m&p-Xylene	**<26.0**	ug/kg	123	26.0	1	03/31/21 07:15	03/31/21 21:51	179601-23-1	
o-Xylene	**<18.5**	ug/kg	61.7	18.5	1	03/31/21 07:15	03/31/21 21:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	73	%	66-153		1	03/31/21 07:15	03/31/21 21:51	460-00-4	
Toluene-d8 (S)	96	%	67-159		1	03/31/21 07:15	03/31/21 21:51	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	90	%	82-158		1	03/31/21 07:15	03/31/21 21:51	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**5.5**	%	0.10	0.10	1		03/26/21 13:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Sample: DD1 **Lab ID: 40224045005** Collected: 03/24/21 12:05 Received: 03/26/21 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.3**	ug/kg	24.1	14.3	1	03/31/21 07:30	04/01/21 12:20	71-43-2	
Ethylbenzene	**<14.3**	ug/kg	60.2	14.3	1	03/31/21 07:30	04/01/21 12:20	100-41-4	
Methyl-tert-butyl ether	**<17.7**	ug/kg	60.2	17.7	1	03/31/21 07:30	04/01/21 12:20	1634-04-4	
Naphthalene	**<18.8**	ug/kg	301	18.8	1	03/31/21 07:30	04/01/21 12:20	91-20-3	
Toluene	**<15.2**	ug/kg	60.2	15.2	1	03/31/21 07:30	04/01/21 12:20	108-88-3	
1,2,4-Trimethylbenzene	**<17.9**	ug/kg	60.2	17.9	1	03/31/21 07:30	04/01/21 12:20	95-63-6	
1,3,5-Trimethylbenzene	**<19.4**	ug/kg	60.2	19.4	1	03/31/21 07:30	04/01/21 12:20	108-67-8	
m&p-Xylene	**<25.4**	ug/kg	120	25.4	1	03/31/21 07:30	04/01/21 12:20	179601-23-1	
o-Xylene	**<18.1**	ug/kg	60.2	18.1	1	03/31/21 07:30	04/01/21 12:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	125	%	66-153		1	03/31/21 07:30	04/01/21 12:20	460-00-4	
Toluene-d8 (S)	106	%	67-159		1	03/31/21 07:30	04/01/21 12:20	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	111	%	82-158		1	03/31/21 07:30	04/01/21 12:20	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**9.2**	%	0.10	0.10	1		03/26/21 13:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Sample: DD2 **Lab ID: 40224045006** Collected: 03/24/21 12:15 Received: 03/26/21 08:45 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Short List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.2**	ug/kg	23.9	14.2	1	03/31/21 07:30	04/01/21 12:40	71-43-2	
Ethylbenzene	**<14.2**	ug/kg	59.7	14.2	1	03/31/21 07:30	04/01/21 12:40	100-41-4	
Methyl-tert-butyl ether	**<17.6**	ug/kg	59.7	17.6	1	03/31/21 07:30	04/01/21 12:40	1634-04-4	
Naphthalene	**<18.6**	ug/kg	299	18.6	1	03/31/21 07:30	04/01/21 12:40	91-20-3	
Toluene	**<15.0**	ug/kg	59.7	15.0	1	03/31/21 07:30	04/01/21 12:40	108-88-3	
1,2,4-Trimethylbenzene	**<17.8**	ug/kg	59.7	17.8	1	03/31/21 07:30	04/01/21 12:40	95-63-6	
1,3,5-Trimethylbenzene	**<19.2**	ug/kg	59.7	19.2	1	03/31/21 07:30	04/01/21 12:40	108-67-8	
m&p-Xylene	**<25.2**	ug/kg	119	25.2	1	03/31/21 07:30	04/01/21 12:40	179601-23-1	
o-Xylene	**<17.9**	ug/kg	59.7	17.9	1	03/31/21 07:30	04/01/21 12:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	121	%	66-153		1	03/31/21 07:30	04/01/21 12:40	460-00-4	
Toluene-d8 (S)	104	%	67-159		1	03/31/21 07:30	04/01/21 12:40	2037-26-5	
1,2-Dichlorobenzene-d4 (S)	114	%	82-158		1	03/31/21 07:30	04/01/21 12:40	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.8**	%	0.10	0.10	1		03/26/21 13:25		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

QC Batch: 381138
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Short List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40224045001, 40224045005, 40224045006

METHOD BLANK: 2198168 Matrix: Solid
Associated Lab Samples: 40224045001, 40224045005, 40224045006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/31/21 10:59	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/31/21 10:59	
Benzene	ug/kg	<11.9	20.0	03/31/21 10:59	
Ethylbenzene	ug/kg	<11.9	50.0	03/31/21 10:59	
m&p-Xylene	ug/kg	<21.1	100	03/31/21 10:59	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/31/21 10:59	
Naphthalene	ug/kg	<15.6	250	03/31/21 10:59	
o-Xylene	ug/kg	<15.0	50.0	03/31/21 10:59	
Toluene	ug/kg	<12.6	50.0	03/31/21 10:59	
1,2-Dichlorobenzene-d4 (S)	%	97	82-158	03/31/21 10:59	
4-Bromofluorobenzene (S)	%	100	66-153	03/31/21 10:59	
Toluene-d8 (S)	%	90	67-159	03/31/21 10:59	

LABORATORY CONTROL SAMPLE: 2198169

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2330	93	70-130	
Ethylbenzene	ug/kg	2500	2600	104	78-120	
m&p-Xylene	ug/kg	5000	5000	100	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2700	108	65-130	
o-Xylene	ug/kg	2500	2640	106	70-130	
Toluene	ug/kg	2500	2400	96	76-120	
1,2-Dichlorobenzene-d4 (S)	%			102	82-158	
4-Bromofluorobenzene (S)	%			104	66-153	
Toluene-d8 (S)	%			92	67-159	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

QC Batch: 381143
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Short List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40224045002, 40224045003, 40224045004

METHOD BLANK: 2198194 Matrix: Solid
Associated Lab Samples: 40224045002, 40224045003, 40224045004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/31/21 15:01	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/31/21 15:01	
Benzene	ug/kg	<11.9	20.0	03/31/21 15:01	
Ethylbenzene	ug/kg	<11.9	50.0	03/31/21 15:01	
m&p-Xylene	ug/kg	<21.1	100	03/31/21 15:01	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/31/21 15:01	
Naphthalene	ug/kg	<15.6	250	03/31/21 15:01	
o-Xylene	ug/kg	<15.0	50.0	03/31/21 15:01	
Toluene	ug/kg	<12.6	50.0	03/31/21 15:01	
1,2-Dichlorobenzene-d4 (S)	%	96	82-158	03/31/21 15:01	
4-Bromofluorobenzene (S)	%	81	66-153	03/31/21 15:01	
Toluene-d8 (S)	%	102	67-159	03/31/21 15:01	

LABORATORY CONTROL SAMPLE: 2198195

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2310	92	70-130	
Ethylbenzene	ug/kg	2500	2080	83	78-120	
m&p-Xylene	ug/kg	5000	4290	86	70-130	
Methyl-tert-butyl ether	ug/kg	2500	1760	70	65-130	
o-Xylene	ug/kg	2500	2190	88	70-130	
Toluene	ug/kg	2500	2160	86	76-120	
1,2-Dichlorobenzene-d4 (S)	%			102	82-158	
4-Bromofluorobenzene (S)	%			84	66-153	
Toluene-d8 (S)	%			103	67-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2198196 2198197

Parameter	Units	40223887021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<12.9	1080	1080	1130	1170	104	108	70-130	3	20	
Ethylbenzene	ug/kg	<12.9	1080	1080	1120	1090	103	101	78-120	3	20	
m&p-Xylene	ug/kg	<22.8	2170	2170	2210	2230	102	103	70-130	1	20	
Methyl-tert-butyl ether	ug/kg	<15.9	1080	1080	906	860	84	79	65-130	5	20	
o-Xylene	ug/kg	<16.2	1080	1080	1130	1120	104	104	70-130	1	20	
Toluene	ug/kg	<13.6	1080	1080	1100	1070	101	99	76-120	2	20	
1,2-Dichlorobenzene-d4 (S)	%						106	109	82-158			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2198196 2198197

Parameter	Units	40223887021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4-Bromofluorobenzene (S)	%						87	91	66-153			
Toluene-d8 (S)	%						113	110	67-159			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

QC Batch: 380804
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40224045001, 40224045002, 40224045003, 40224045004, 40224045005, 40224045006

SAMPLE DUPLICATE: 2196451

Parameter	Units	40224041001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.9	12.9	0	10	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 9735 RIB MTN PETRO
Pace Project No.: 40224045

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40224045001	**GD1**	EPA 5035/5030B	381138	EPA 8260	381141
40224045002	**GD2**	EPA 5035/5030B	381143	EPA 8260	381165
40224045003	**GD3**	EPA 5035/5030B	381143	EPA 8260	381165
40224045004	**GD4**	EPA 5035/5030B	381143	EPA 8260	381165
40224045005	**DD1**	EPA 5035/5030B	381138	EPA 8260	381141
40224045006	**DD2**	EPA 5035/5030B	381138	EPA 8260	381141
40224045001	**GD1**	ASTM D2974-87	380804		
40224045002	**GD2**	ASTM D2974-87	380804		
40224045003	**GD3**	ASTM D2974-87	380804		
40224045004	**GD4**	ASTM D2974-87	380804		
40224045005	**DD1**	ASTM D2974-87	380804		
40224045006	**DD2**	ASTM D2974-87	380804		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

40224045

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	RBJ
Branch/Location:	Watson
Project Contact:	Andy Deckbar
Phone:	715-675-9784
Project Number:	9735
Project Name:	Rib Mtn Petro
Project State:	WI
Sampled By (Print):	Andy Deckbar
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Ab
Mail To Company:	Rbs
Mail To Address:	
Invoice To Contact:	Ab
Invoice To Company:	RBJ
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: Diocta	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	GD1	3/24/21	11:45	S	N	F				
002	GD2		11:50							
003	GD3		11:55							
004	GD4		12:00							
005	DD1		12:05							
006	DD2	"	12:15	"						

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	3/25/21 1:35PM		
Walco	3/26/21 0845	[signature]	3/26/21 0845

PACE Project No.: 40224045
Receipt Temp = 1.5 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Client Name: REI

Sample Preservation Receipt Form

Project # 40224045

Pace Analytical Services, LLC
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

All containers needing preservation have been checked and noted below: ☐Yes ☐No ☒N/A

Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Initial when completed:

Date/ Time:

	Glass							Plastic					Vials						Jars				General			VOA Vials (>6mm) *						
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	SP5T	ZPLC	GN		H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																																	2.5 / 5 / 10
002																																	2.5 / 5 / 10
003																																	2.5 / 5 / 10
004																																	2.5 / 5 / 10
005																																	2.5 / 5 / 10
006																																	2.5 / 5 / 10
007																																	2.5 / 5 / 10
008																																	2.5 / 5 / 10
009																																	2.5 / 5 / 10
010																																	2.5 / 5 / 10
011																																	2.5 / 5 / 10
012																																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																												3/26/21					2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: _____ Headspace in VOA Vials (>6mm) : ☐Yes ☐No ☒N/A *If yes look in headspace column

AG1U	1 liter amber glass
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Sample Condition Upon Receipt Form (SCUR)

Client Name: REI Project #:

WO# : 40224045

40224045

Courier: ☐ CS Logistics ☐ Fed Ex ☐ Speedee ☐ UPS ☒ Waltco ☐ Client ☐ Pace Other:

Tracking #: 2792253-1

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Thermometer Used SR - 90 Type of Ice: (Wet) Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2 /Corr: 1.5

Temp Blank Present: ☐ yes ☒ no Biological Tissue is Frozen: ☐ yes ☐ no

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
Date: 3/26/21 /Initials: [initials]
Labeled By Initials: [initials]

Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No		5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☒No		6.
Rush Turn Around Time Requested:	☐Yes	☒No		7.
Sufficient Volume:				8.
For Analysis: ☒Yes ☐No MS/MSD:	☐Yes	☒No	☐N/A	
Correct Containers Used:	☒Yes	☐No		9.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☒N/A	
Containers Intact:	☒Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11.
Sample Labels match COC:	☒Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: S				
Trip Blank Present:	☐Yes	☐No	☒N/A	13.
Trip Blank Custody Seals Present	☐Yes	☐No	☒N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution:
If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample login

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